

**PRESENTING A FINE OLD
LINE OF HAND TOOLS IN
MODERN STREAMLINED DESIGN**

New Britain **HAND TOOLS**

CATALOG NO. 57M

THE NEW BRITAIN MACHINE COMPANY • NEW BRITAIN, CONNECTICUT

VANDERBILT PARTS INC.

Phones: Canal 3141 (8 lines)

750 ST. CHARLES AVE.

NEW ORLEANS 13, LA.



SIXTY YEARS OF "KNOW HOW"

More than half a century of precision craftsmanship backs this Line of New Britain Hand Tools. From father to son, New Britain toolmakers have passed along a tradition of craftsmanship in steel since 1887. New Britain is strong, not alone in the generations of men who have come along to operate the machines in these great plants, but in the limitless equipment that has been added steadily over the years. For, New Britain, not alone manufactures this superb Line of Hand Tools, but builds the amazingly accurate, world famous Automatic Screw Machines on which many of them are formed.

A few of New Britain's Engineering, Laboratory, Manufacturing and Inspection Departments are shown on this spread. Everything offered by present day metallurgical science, plus the skill of trained men working with the most modern equipment is reflected in the fine Hand Tools which bear the name—New Britain.



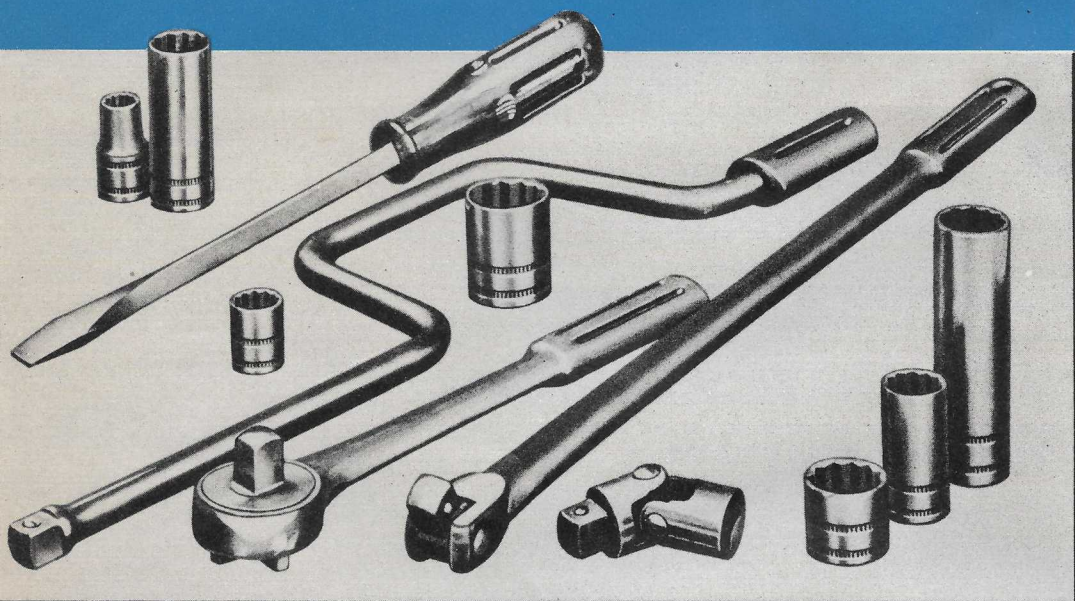
EVERY TOOL GUARANTEED

From the entry of the finest alloy steel into this plant, to the time it emerges in the form of matchless Hand Tools, careful testing and persistent inspection—every step of the way—is a New Britain tradition. The illustrations on these pages show, not alone the extensive facilities and attention to every detail in this organization, but the ceaseless inspection and care taken to safeguard New Britain's high reputation for Hand Tools of Greater Strength—Better Fit. Any New Britain Hand Tool found to be defective in materials or workmanship will be replaced free of charge upon return to the factory by your supplier for examination.

TIME PAYMENT PLAN

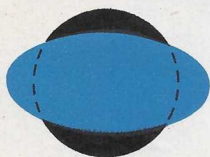
New Britain Hand Tools may be purchased on the Commercial Credit Co., Time Payment Plan. Ask your Jobber about it.

**THE NEW BRITAIN MACHINE CO.
NEW BRITAIN, CONN., U. S. A.**



New Britain

MODERN DESIGN



Tomorrow's Tools today—that's what mechanics say about New Britain Hand Tools. Here's the Line that anticipates tough assignments, leads the way with positive knuckle and job insurance, and keeps in front with new improvements. The new OVAL designing of all Drive Parts is typical of New Britain leadership. OVAL designing throws out the useless bulk in old round shapes, adds material where it is really needed—in the direction of strain! Slim, streamlined OVAL Handles pack extraordinary strength in little space. New palm-fitted

OVAL Grips are a revelation in "feel"! Modern New Britain Ratchets cut down weight to a startling degree; yet, the bulk-free head gives greater turning power and more positive action. Sturdy Screw Drivers are precision balanced for easier handling. Rugged Thin Wall Sockets breeze through toughest jobs in tightest corners. Streamlined Speeders, Flex Handles, and Extensions are every bit as agile as they look—able to make quick work out of hard work. Here, indeed is the quality line of Mechanics' Hand Tools that make money all around.

New Britain

HEAVY DUTY WRENCHES

3/4" Square Drive

The trend of building Buses, Trucks and even Tractors with streamlined bodies makes for tight places around the giant nuts and bolts which hold them together. Thin walled Heavy Duty Sockets are needed just as much on present day heavy duty vehicles as on passenger cars. Because business cars are money producers, quick service is vital. You will find New Britain Heavy Duty Sockets to be money makers for you in every respect. They are equipped with the "Keyless Locking Feature" which insures against accidents and yet permits quick assembly. Every Tool is Triple Chrome Plated to guard against weather and preserve its appearance.

HEAVY DUTY FLEX HANDLE

For many reasons a Flex Handle is the most widely used Heavy Duty attachment. Because this Tool has better balance, greater strength and the ability to get into tight corners, it will amaze you by its workability.

Number	Length
NH-55	19"

HEAVY DUTY REVERSIBLE RATCHET

It will not jam! When there's heavy work that must be done quickly, nothing takes its place. Its many teeth make for more quick and non-slip positions than you will ever need

Number	Length
NH-42	18"

HEAVY DUTY SLIDE TEE HANDLE

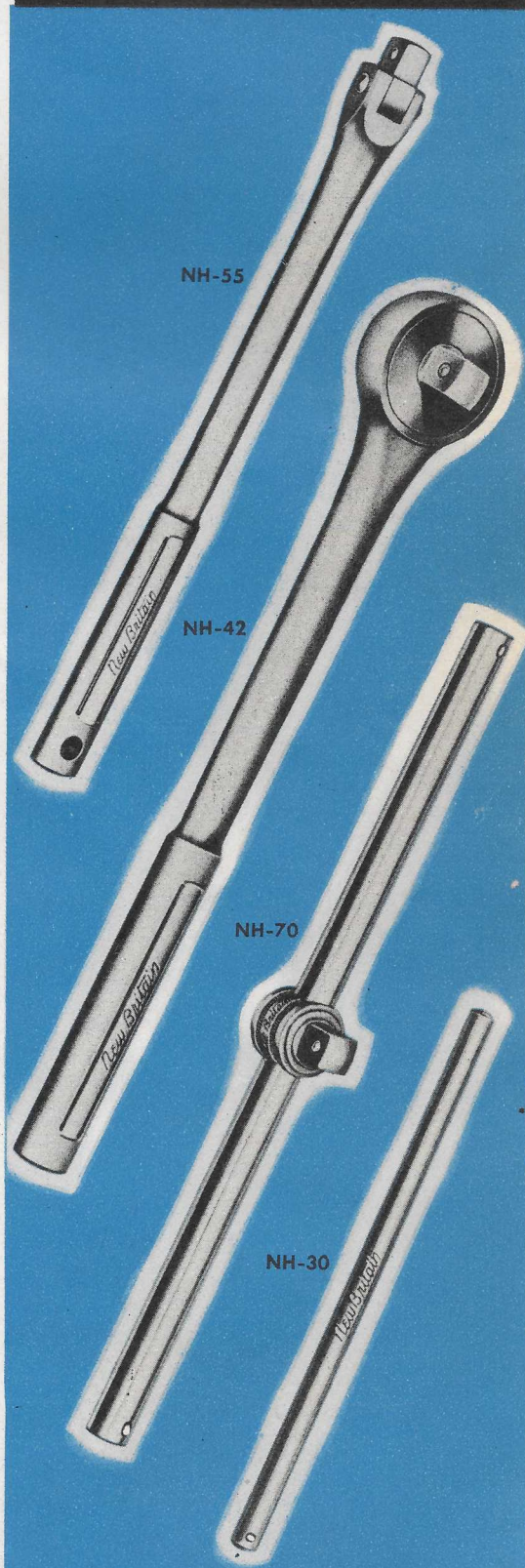
Its ability to serve as several different tools has always made it a favorite. It combines with extensions and universal joints to make very handy Tools.

Number	Length
NH-70	18"

HEAVY DUTY CROSS BAR

Unless you have had a Cross Bar bend and twist under a severe strain, you won't appreciate this specially hardened and tempered Tool. Despite its slim and trim appearance, it will combine with the Flex Handle to make the most durable Tee Handle, Spinner or Hinged Wrench you have ever used.

Number	Length
NH-30	12"



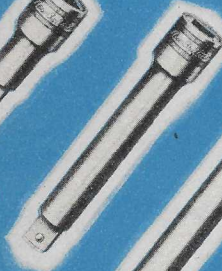
NH-1228 to NH-1280



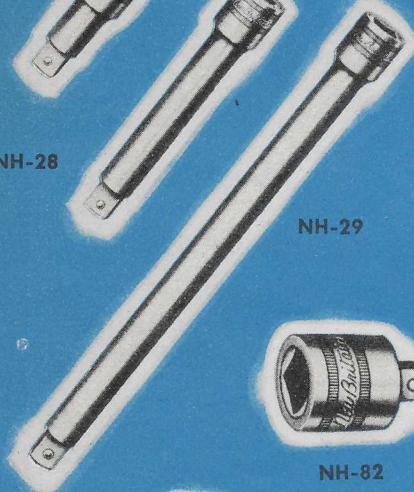
NH-25



NH-28



NH-29



NH-82



NH-60



N-3608

New Britain

TWELVE POINT HEAVY DUTY SOCKETS

All Sockets have the "Keyless Locking Feature."

Part No.	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NH-1228	7/8"	1/2"	5/8"	9/16"
NH-1230	1 5/16"	5/8"		5/8"
NH-1231	1 1/2"	9/16"		
NH-1232	1"		3/4"	1 1/16"
NH-1234	1 1/16"	5/8"		3/4"
NH-1236	1 1/8"		7/8"	
NH-1238	1 3/16"			
NH-1240	1 1/4"	3/4"	1"	7/8"
NH-1242	1 5/16"	7/8"	1"	
NH-1244	1 3/8"		1 1/8"	
NH-1246	1 7/16"	7/8"		1"
NH-1248	1 1/2"	1"	1 1/8"	
NH-1250	1 9/16"			
NH-1252	1 3/8"	1"		1 1/8"
NH-1254	1 1 1/16"	1 1/8"	1 1/8"	
NH-1256	1 3/4"			
NH-1258	1 13/16"	1 1/8"		1 1/4"
NH-1260	1 7/8"	1 1/4"		
NH-1264	2"	1 1/4"		1 3/8"
NH-1268	2 1/8"			
NH-1270	2 3/16"	1 3/8"		1 1/2"
NH-1272	2 1/4"	1 1/2"		
NH-1276	2 3/8"	1 1/2"		
NH-1280	2 1/2"			

HEAVY DUTY EXTENSIONS

Used in conjunction with any drive tool, they are indispensable on jobs in out of the way places.

Number	Length
NH-29	16"
NH-28	8"
NH-25	4"

HEAVY DUTY UNIVERSAL JOINT

You cannot work around corners without using a Universal Joint. Permits free action up to 90°.

Number	Length
NH-60	4"

HEAVY DUTY ADAPTER

A 3/4" to 1/2" Reducing Adapter makes possible the use of 1/2" Square Drive Sockets with Heavy Duty Handles.

Number	Length
NH-82	2"

HEAVY DUTY SOCKET HOLDER SET

Contains a selection of the most popular Sockets.

NH-1234	1 1/16"	NH-1246	1 7/16"
NH-1236	1 1/8"	NH-1248	1 1/2"
NH-1240	1 1/4"	NH-1252	1 5/8"
NH-1244	1 3/8"	NH-1256	1 3/4"

15279 Socket Holding Tray

Number
N-3608

New Britain

10 PIECE HEAVY DUTY SOCKET SET

A Heavy Duty Set that will supply the most essential sizes in sockets. Makes a splendid foundation on which to build a complete Heavy Duty Tool kit. Other sockets and tools can be added as needed.

12 POINT SOCKETS

NH-1234	1 $\frac{1}{16}$ "	NH-1246	1 $\frac{7}{16}$ "
NH-1236	1 $\frac{1}{8}$ "	NH-1248	1 $\frac{1}{2}$ "
NH-1240	1 $\frac{1}{4}$ "	NH-1252	1 $\frac{5}{8}$ "
NH-1244	1 $\frac{3}{8}$ "	NH-1256	1 $\frac{3}{4}$ "

DRIVE PARTS

NH-28	8" Extension	NH-70	Slide Tee Handle
14540	Metal Box (19" x 4 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ ")		

Number

6510A

10 Pc. Set

14 PIECE HEAVY DUTY SOCKET SET

Indispensable Heavy Duty Tools for a modern shop.

12 POINT SOCKETS

NH-1230	1 $\frac{5}{16}$ "	NH-1240	1 $\frac{1}{4}$ "
NH-1231	3 $\frac{1}{32}$ "	NH-1244	1 $\frac{3}{8}$ "
NH-1232	1"	NH-1246	1 $\frac{7}{16}$ "
NH-1234	1 $\frac{1}{16}$ "	NH-1248	1 $\frac{1}{2}$ "
NH-1236	1 $\frac{1}{8}$ "	NH-1252	1 $\frac{5}{8}$ "

DRIVE PARTS

NH-42	Revs. Ratchet	NH-28	8" Extension
NH-70	18" Slide Tee	NH-29	16" Extension
14540	Metal Box (19" x 4 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ ")		

Number

6514R

14 Pc. Set

24 PIECE HEAVY DUTY SOCKET SET

Essential $\frac{3}{4}$ " Drive Tools for Heavy Duty work on buses, trucks, tractors and industrial equipment.

12 POINT SOCKETS

NH-1230	1 $\frac{5}{16}$ "	NH-1246	1 $\frac{7}{16}$ "
NH-1231	3 $\frac{1}{32}$ "	NH-1248	1 $\frac{1}{2}$ "
NH-1232	1"	NH-1250	1 $\frac{9}{16}$ "
NH-1234	1 $\frac{1}{16}$ "	NH-1252	1 $\frac{5}{8}$ "
NH-1236	1 $\frac{1}{8}$ "	NH-1254	1 $\frac{11}{16}$ "
NH-1238	1 $\frac{3}{16}$ "	NH-1256	1 $\frac{3}{4}$ "
NH-1240	1 $\frac{1}{4}$ "	NH-1258	1 $\frac{13}{16}$ "
NH-1242	1 $\frac{5}{16}$ "	NH-1260	1 $\frac{7}{8}$ "
NH-1244	1 $\frac{3}{8}$ "	NH-1264	2"

DRIVE PARTS

NH-42	18" Revs. Ratchet	NH-28	8" Extension
NH-70	18" Slide Tee	NH-25	4" Extension
NH-55	19" Flex Handle	NH-29	16" Extension
13991	Metal Box (19" x 7" x 7")		

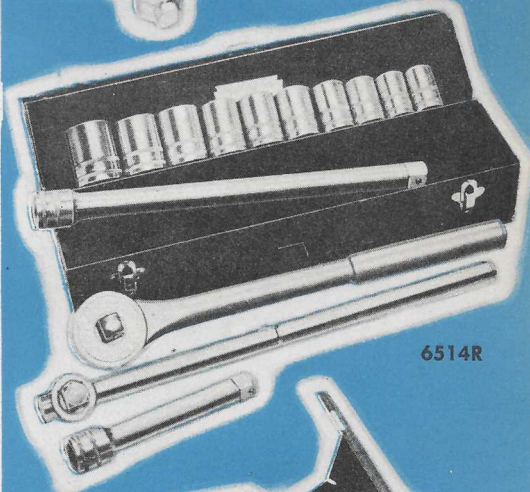
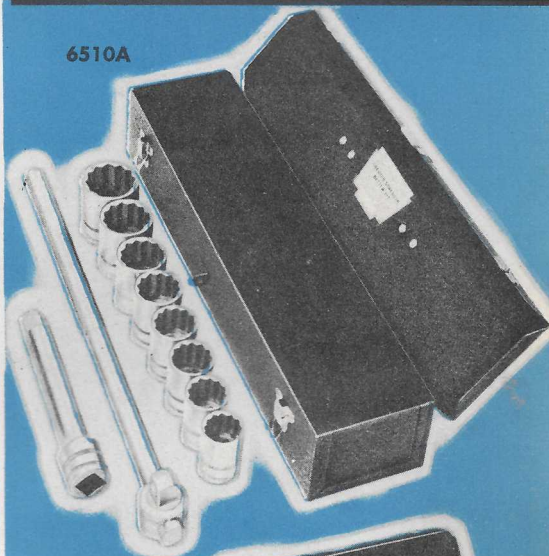
Number

6524

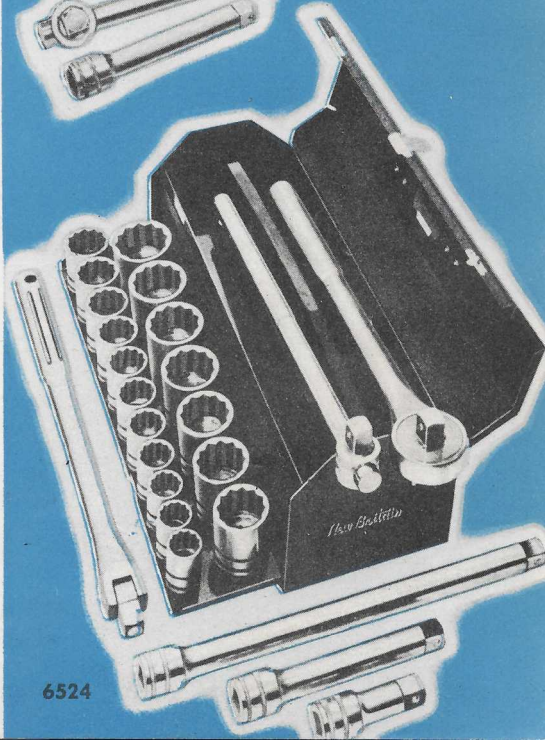
24 Pc. Set

$\frac{3}{4}$ " Square Drive Sets

6510A



6514R



6524

New Britain SOCKETS

1/2" Square Drive

Designed for work on modern motors where nothing but these Thin Wall Sockets will get at the job. All of them are equipped with our "Keyless Locking Feature". Standard Package 5.

TWELVE POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw Nut
NT-1214	7/16"		1/4"	1/4"
NT-1216	1/2"	1/4"	5/16"	5/16"
NT-1218	9/16"	3/8"	3/8"	3/8"
(1) NVF-618	9/16"			
NT-1219	1 1/8"	5/16"		
NT-1220	5/8"		7/16"	7/16"
NT-1221	21/32"			
NT-1222	11/16"	3/8"		
(2) NCH-1222	11/16"			
NT-1224	3/4"		1/2"	1/2"
(3) NFA-1224	3/4"			
NT-1225	25/32"	7/16"		
NT-1226	13/16"		9/16"	9/16"
NT-1228	7/8"	1/2"	5/8"	5/8"
NT-1230	15/16"	5/8"		
NT-1231	31/32"	9/16"		
NT-1232	1"		3/4"	11/16"
NT-1234	1 1/16"	5/8"		3/4"
NT-1236	1 1/8"	3/4"	7/8"	
NT-1240	1 1/4"	3/4"	1"	7/8"

- (1) Special 6 Pt. Socket for V-8 Connecting Rods.
- (2) Special 12 Pt. Socket for Chevrolet Main Bearings.
- (3) Special 12 Pt. Socket for Model A Main Bearings.

EIGHT POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	U.S.S. or Amer. Std. Set Screw
NT-812	3/8"	1/4"	3/8"
NT-814	7/16"		7/16"
NT-816	1/2"	5/16"	1/2"
NT-818	9/16"	3/8"	9/16"
NT-820	5/8"	7/16"	5/8"
NT-822	11/16"	3/8"	
NT-824	3/4"	1/2"	3/4"
NT-826	13/16"		
NT-828	7/8"	9/16"	7/8"

EXTRA DEEP TWELVE POINT SOCKETS

Part No.	Size
NTD-16	1/2"
NTD-18	9/16"
NTD-20	5/8"
NTD-22 (1, 2)	11/16"
NTD-24	3/4"
NTD-25	25/32"
NTD-26 (3)	13/16"
NTD-28	7/8"
NTD-28B (4)	7/8"
NTD-30	15/16"
NTD-32	1"
NTD-34	1 1/16"
NTD-36	1 1/8"

- (1) 10 M M for A.C. Spark Plugs.
- (2) 10 M M for Champion Spark Plugs.
- (3) For certain '41 Buicks requiring special size use No. N-14515, illustrated on Page 11.
- (4) For Buick Spark Plugs.



NT-1214 to NT-1240

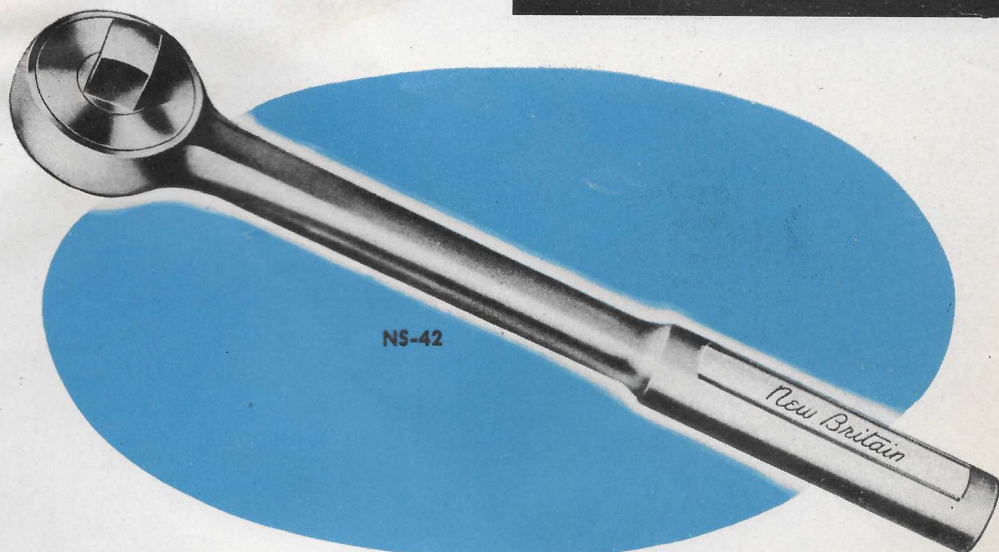


NT-812 to NT-828



NTD-16 to NTD-36



**NS-42**

New Britain
REVERSIBLE RATCHET

Real engineering brings you a ratchet improved two ways at once: The New Britain Reversible Ratchet has **LESS BULK** and **MORE STRENGTH!** Most ratchets rely on a single pawl to carry the load; this double strength, New Britain Ratchet

engages **TWO** pawls at the same time. A simple twist of the plastic knob reverses the action. This reinforced mechanism takes less space — the smaller head of the New Britain Ratchet goes places **no other ever fit**. Only finest quality steel is expertly heat-treated for vital parts; the whole is a precision-balanced Tool any mechanic is glad to get his hands on.

Number	Length
NS-42	10"

NS-4978**NS-28****NS-25****NS-24****ELL HANDLE**

Simple strength and husky leverage combine for tremendous power. Rusted nuts break loose easily with this Tool. Either end will take a socket or connection.

Number	Length
NS-4978	8"

EXTENSIONS

These sizes, alone or in combination, extend your reach an extra 5" to 35" in steps of 5" as you please.

Number	Length
NS-24	5"
NS-25	10"
NS-28	20"

New Britain

1/2" SQUARE DRIVE TOOLS

FLEX HANDLES

The adapter on these newly designed oval-grip Flex Handles can be set in five different positions, thereby enabling work to be performed in inaccessible places.

Number	Length
NS-56	18"
NS-57	15"
NS-58	12"

SPEEDER

The original speed-up Tool. Nothing takes the place of a Speeder for quick work.

Number	Length
NS-85	19"

CROSS BAR

Especially designed to operate with each of the above Flex Handles.

Number	Length
NS-31	10"

SLIDE TEE HANDLE

This Slide Tee Handle can be used as an offset handle by moving the head to either end of the bar. The head is kept securely in any position by a ball and tension spring arrangement in the head.

Number	Length
NS-70	9"

NS-56

NS-57

NS-58

NS-85

NS-31

NS-70

*New Britain***SOCKETS AND ATTACHMENTS****UNIVERSAL JOINT**

Compact, sturdy and easy working. A Universal Joint designed for difficult corners.

Number	Length
NS-60	2 $\frac{9}{16}$ "

STUD SETTER & EXTRACTOR

The only detachable Stud Extractor. Its unique design permits quick dismantling. Compact in size so that it can be used for setting various studs, as well as extracting. Capacity, $\frac{5}{16}$ to $\frac{3}{4}$ ".

Number	Length
NS-4916	2"

DRAG LINK SOCKETS

A sturdy screw driver type Socket with bits in three widths for drag links, drain plugs, slotted nuts and screws. Will fit any standard $\frac{1}{2}$ " square drive tool.

Number	Size
NS-91	4 $\frac{7}{64}$ " Wide
NS-92	1 $\frac{5}{16}$ " Wide
NS-93	1 $\frac{3}{16}$ " Wide

ADAPTERS

An invaluable addition to any mechanic's tool set. Makes possible the interchange of different drive handles.

Number	Sizes	
	Female	Male
NM-80	1 $\frac{1}{4}$ "	to 3 $\frac{3}{8}$ " Inc.
NB-80	3 $\frac{3}{8}$ "	to 1 $\frac{1}{4}$ " Red.
NB-81	3 $\frac{3}{8}$ "	to 1 $\frac{1}{2}$ " Inc.
NS-81	1 $\frac{1}{2}$ "	to 3 $\frac{3}{8}$ " Red.
NS-82	1 $\frac{1}{2}$ "	to 3 $\frac{3}{4}$ " Inc.
NH-82	3 $\frac{3}{4}$ "	to 1 $\frac{1}{2}$ " Red.

DRAWN SPARK PLUG SOCKETS

For service station use, where wide selection is required at low cost. Not for use in garages, where Alloy Sockets are recommended. Each drawn steel Socket is individually packed complete with a Cross Bar.

Single End

Number	Hex. Spark Plug Size	Number	Hex. Spark Plug Size
N-14515	13 $\frac{1}{16}$ "	N-14517	1"
N-14516	7 $\frac{7}{8}$ "	N-14567	Cross Bar

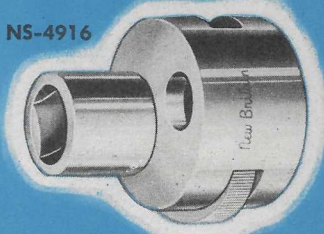
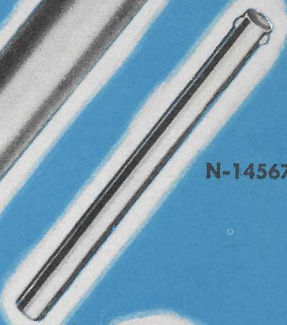
Double End

Number	Hex. Spark Plug Size
N-14566	9 $\frac{1}{16}$ " & 11 $\frac{1}{16}$ " (10 M/M)
N-14511	13 $\frac{1}{16}$ " (14 M/M) & 7 $\frac{7}{8}$ " (18 M/M)
N-14512	7 $\frac{7}{8}$ " & 1" (18 M/M)
N-14513	7 $\frac{7}{8}$ " & 11 $\frac{1}{8}$ "
N-14514	15 $\frac{1}{16}$ " & 11 $\frac{1}{8}$ "
N-16303	5 $\frac{5}{8}$ " & 13 $\frac{1}{16}$ "
N-14567	Cross Bar

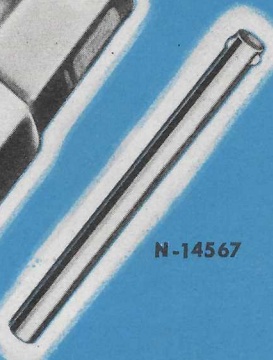
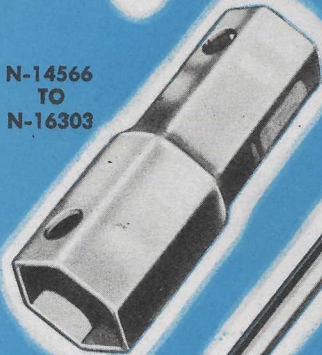
 $\frac{1}{2}$ " Drive Tools

NS-60

NS-4916

NS-91
NS-92
NS-93NM-80
TO
NH-82N-14515
TO
N-14517

N-14567

N-14566
TO
N-16303

N-14567

New Britain

14 PIECE STRAIGHT WALL SOCKET HOLDER SET

This is a complete, compact, low priced Socket Set furnished in a metal carrying tray. Contains the following sizes:

12 POINT SOCKETS

NT-1214	7/16"	NT-1225	25/32"
NT-1216	1/2"	NT-1226	13/16"
NT-1218	9/16"	NT-1228	7/8"
NT-1219	19/32"	NT-1230	15/16"
NT-1220	5/8"	NT-1232	1"
NT-1222	11/16"	NT-1236	1 1/8"
NT-1224	3/4"	NT-1240	1 1/4"

15277 Metal Tray

Number

3614

14 Pc. Set

12 PIECE SPARK PLUG SOCKET HOLDER SET

The extra depth and thin walls reach easily and turn plugs in the tightest places without damage to the spark plug porcelain. Sockets contained in this Set will perform all spark plug work in the passenger car field.

12 POINT SOCKETS

NTD-16	1/2"	NTD-26	1 3/16"
NTD-18	9/16"	NTD-28B	7/8"
NTD-20	5/8"	NTD-30	15/16"
NTD-22	11/16"	NTD-32	1"
NTD-24	3/4"	NTD-34	1 1/16"
NTD-25	25/32"	NTD-36	1 1/8"

15238 Metal Tray

Number

N-412

12 Pc. Set

8 PIECE STRAIGHT WALL SOCKET SET

The 12" Flex Handle, together with the Sockets in this Set, will take care of a large share of all standard jobs.

12 POINT SOCKETS

NT-1214	7/16"	NT-1220	5/8"
NT-1216	1/2"	NT-1222	11/16"
NT-1218	9/16"	NT-1224	3/4"

DRIVE PARTS

NS-58	12" Flex Handle	NS-31	10" Cross Bar
13934	Metal Box (12 1/8" x 2 3/16" x 1 1/16")		

Number

6008

8 Pc. Set

12 PIECE STRAIGHT WALL SOCKET SET

This Set contains the most necessary sizes in the 1/2" Drive range, for all around service work.

12 POINT SOCKETS

NT-1214	7/16"	NT-1224	3/4"
NT-1216	1/2"	NT-1226	13/16"
NT-1218	9/16"	NT-1228	7/8"
NT-1220	5/8"	NT-1230	15/16"
NT-1222	11/16"	NT-1232	1"

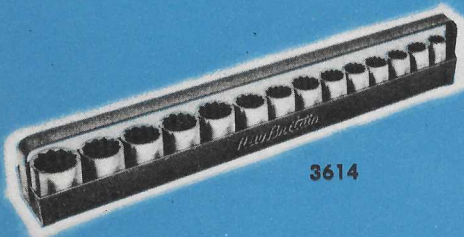
DRIVE PARTS

NS-57	15" Flex Handle	NS-31	10" Cross Bar
13266	Metal Box (14 3/4" x 2 1/16" x 1 5/8")		

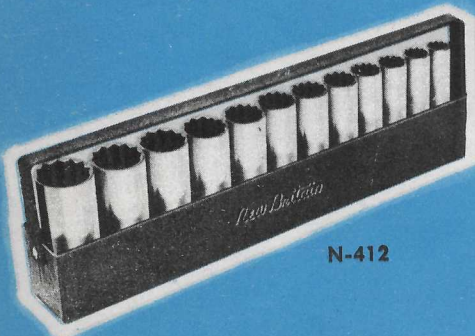
Number

6012A

12 Pc. Set



3614



N-412



6008



6012A

*New Britain***18 PIECE SOCKET SET**

Fully equipped for all 1/2" Square Drive jobs.

TWELVE POINT SOCKETS

NT-1214	7/16"	NT-1221	21/32"	NT-1230	15/16"
NT-1216	1/2"	NT-1222	11/16"	NT-1232	1 1/16"
NT-1218	9/16"	NT-1224	3/4"	NT-1234	1 1/8"
NT-1219	19/32"	NT-1225	25/32"	NT-1236	1 1/4"
NT-1220	5/8"	NT-1226	13/16"	NT-1240	1 1/2"
		NT-1228	7/8"		

DRIVE PARTS

NS-56	18" Flex Handle	NS-31	10" Cross Bar
14539	Metal Box (18 1/8" x 4 1/4" x 1 5/8")		

Number

6018

18 Pc. Set

23 PIECE SOCKET SET

A complete basic set.

TWELVE POINT SOCKETS

NT-1214	7/16"	NT-1222	11/16"	NT-1230	15/16"
NT-1216	1/2"	NT-1224	3/4"	NT-1232	1 1/16"
NT-1218	9/16"	NT-1225	25/32"	NT-1234	1 1/8"
NT-1219	19/32"	NT-1226	13/16"	NT-1236	1 1/4"
NT-1220	5/8"	NT-1228	7/8"	NT-1240	1 1/2"

DRIVE PARTS

NS-24	5" Ext.	NS-56	18" Flex Hdl.
NS-25	10" Ext.	NS-60	Universal Joint
NS-31	10" Cross Bar	NS-70	Slide Tee Hdl.
NS-42	Revs. Ratchet	NS-85	19" Speeder
14305	Metal Box (19 1/4" x 7 1/4" x 1 5/8")		

Number

6023 B

23 Pc. Set

33 PIECE UTILITY SOCKET SET

Compact, versatile, wide range—no duplication.

TWELVE POINT SOCKETS

NT-1214	7/16"	NT-1221	21/32"	NT-1230	15/16"
NT-1216	1/2"	NT-1222	11/16"	NT-1232	1 1/16"
NT-1218	9/16"	NT-1224	3/4"	NT-1234	1 1/8"
NT-1219	19/32"	NT-1225	25/32"	NT-1236	1 1/4"
NT-1220	5/8"	NT-1226	13/16"	NT-1240	1 1/2"
		NT-1228	7/8"		

EIGHT POINT SOCKETS

NT-814	7/16"	NT-818	9/16"
NT-816	1/2"	NT-820	5/8"

DRIVE PARTS

NS-24	5" Ext.	NS-57	15" Flex Hdl.
NS-25	10" Ext.	NS-60	Universal Joint
NS-31	10" Cross Bar	NS-85	19" Speeder
NS-42	Revs. Ratchet	NS-92	Drag Link Soc.

OTHER TOOLS

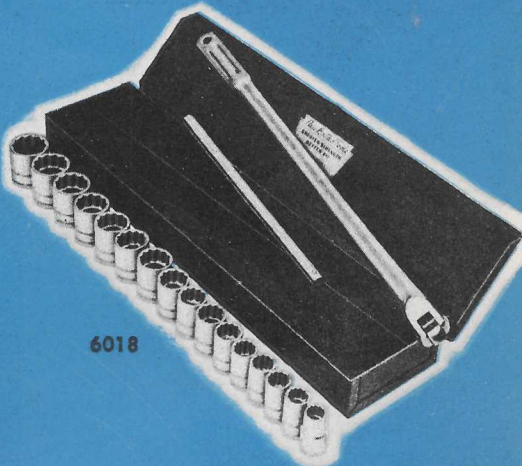
NDF-52	7/16"	Comb. Box & Open End Wrench
NDF-54	1/2"	Comb. Box & Open End Wrench
NDF-56	9/16"	Comb. Box & Open End Wrench
NDF-58	5/8"	Comb. Box & Open End Wrench
P-21	6"	Combination Pliers

13263 Metal Box (19" x 6" x 6")

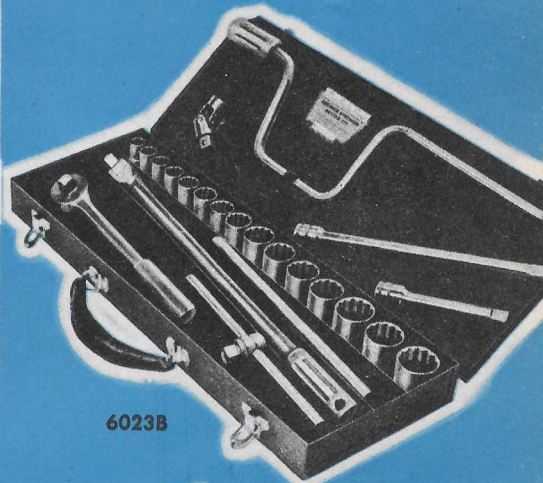
Number

6033

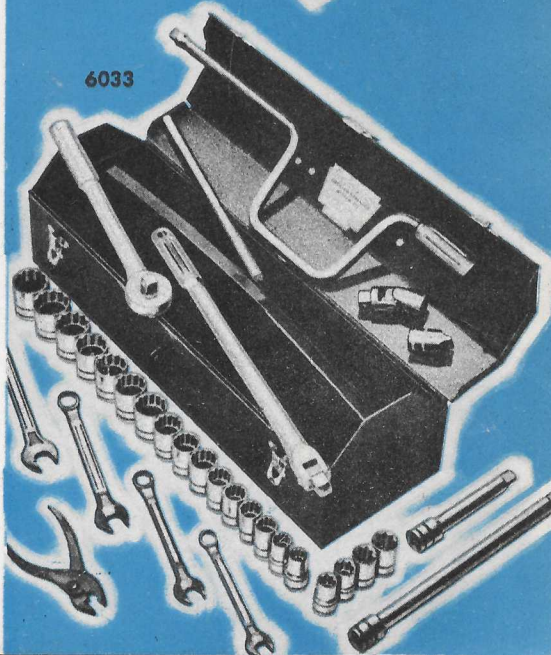
33 Pc. Set

1/2" Drive Sets

6018



6023B



6033

New Britain

3/8" SQUARE DRIVE TOOLS

With the increasing popularity of the personal airplane, and the maintenance of our commercial airfleets, there is a tremendous demand for 3/8" Drive Sockets and Drive Parts in the aircraft service field. The complete New Britain 3/8" Drive Line offers the most up-to-date type of tool for intricate work on today's aircraft motors.

REVERSIBLE RATCHET

Power and compactness are difficult to combine. This newly designed New Britain Ratchet does it.

Number	Length
NB-42	7"

SLIDE TEE HANDLE

The key tool in making special Wrenches. Combine it with Extensions and Flex Sockets for hidden nuts.

Number	Length
NB-70	8"

FLEX HANDLE

Note the oval grip and perfect balance. The most widely used tool in any drive is the Flex Handle.

Number	Length
NB-51	10"

CROSS BAR

A vital part of your Flex Handle, especially tempered to produce great strength.

Number	Length
NB-30	6"

EXTENSIONS

A wide selection of lengths is given to afford endless combinations with the Slide Tee and Flex Handles.

Number	Length
NB-20	3"
NB-21	6"
NB-22	11"
NB-23	20"

SPEEDER

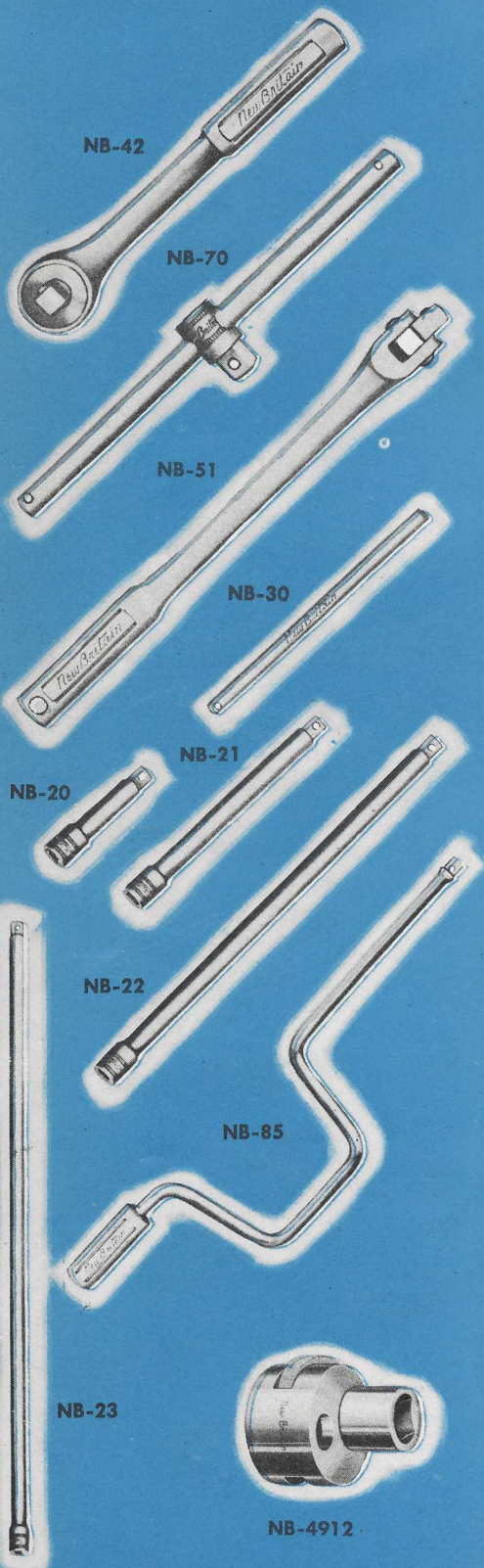
Nothing takes the place of a Speeder for turning down nuts in a hurry. By combining Flex Sockets with it, many awkward jobs can be completed.

Number	Length
NB-85	16"

STUD SETTER & EXTRACTOR

The only detachable Stud Extractor. Its unique design permits quick dismantling. Compact in size, it can be used for setting, as well as extracting various studs. Capacity 5/16" to 3/4".

Number	Length
NB-4912	2"



New Britain

STRAIGHT WALL EXTRA THIN SOCKETS

12 POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NB-1210	5/16"	1/8"	1/8"	
NB-1212	3/8"	13/16"	3/16"	1/4"
NB-1214	7/16"	1"	1/4"	1/4"
NB-1216	1/2"		5/16"	5/16"
NB-1218	9/16"		3/8"	3/8"
NB-1219	19/32"	5/16"		
NB-1220	5/8"		7/16"	7/16"
NB-1222	11/16"	3/8"	1/2"	1/2"
NB-1224	3/4"		9/16"	
NB-1226	13/16"		5/8"	
NB-1228	7/8"	1/2"		9/16"

8 POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	U.S.S. Std. Set Screw
NB-808	1/4"	#4-112		1/4"
NB-810	5/16"	1/8"		5/16"
NB-812	3/8"	3/16"	1/4"	3/8"
NB-814	7/16"		5/16"	7/16"
NB-816	1/2"	1/4"	3/8"	1/2"

12 POINT EXTRA DEEP SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NBD-14	7/16"		1/4"	1/4"
NBD-16	1/2"	1/4"	5/16"	5/16"
NBD-18	9/16"	3/8"	3/8"	3/8"
NBD-20	5/8"		7/16"	7/16"
NBD-22	11/16"	3/8"		
NBD-24	3/4"		1/2"	1/2"
NBD-26	13/16"		9/16"	
NBD-28	7/8"	1/2"	5/8"	9/16"

12 POINT FLEX SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NBF-12	3/8"	3/16"	3/16"	1/4"
NBF-14	7/16"		1/4"	1/4"
NBF-16	1/2"	1/4"	5/16"	5/16"
NBF-18	9/16"		3/8"	3/8"
NBF-20	5/8"		7/16"	7/16"
NBF-22	11/16"	3/8"		
NBF-24	3/4"		1/2"	1/2"

UNIVERSAL JOINT

A proven basic Tool for special hook-ups.

Number
NB-60

ADAPTERS

Number	Size	Female	Male
NB-80	3/8"		to 1/4" Red.
NB-81	3/8"		to 1/2" Inc.

DRAG LINK SOCKET

The screw driver type Socket for slotted nuts.

Number
NB-95

Size
11/16" wide

HOLDING SCREW DRIVER SOCKET

On pan screws, flexible shell prevents slipping.

Number
NB-90

3/8" Drive Sockets



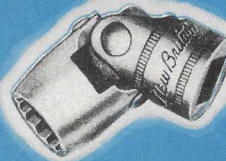
NB-1210 to NB-1228



NB-808 to NB-816



NBD-14 to NBD-28



NBF-12 to NBF-24



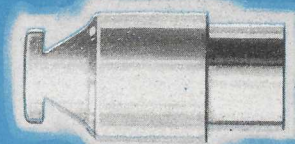
NB-60



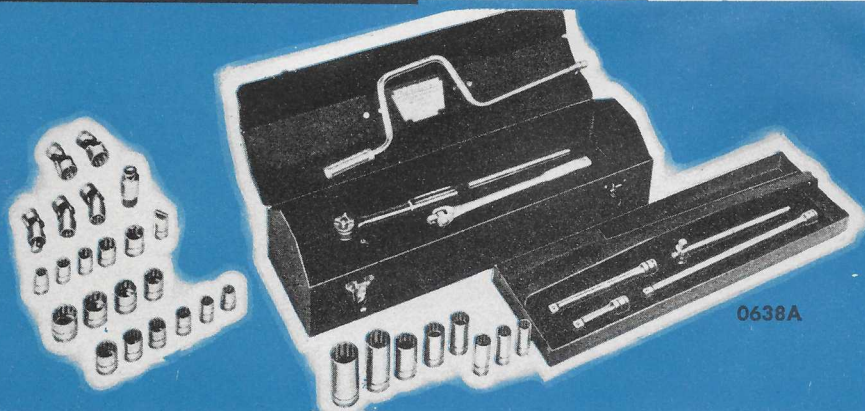
NB-80
NB-81



NB-95



NB-90



New Britain

38 PIECE JUNIOR AIRCRAFT SET

A fine, compact 3/8" Drive Socket Set containing all of the Sockets and Drive Parts necessary for repair and maintenance work in the aircraft and automotive fields. Like all New Britain Tools, unconditionally guaranteed against defect in workmanship and material.

8 POINT SOCKETS

NB-808 1/4"
NB-810 5/16"

NB-812 3/8"
NB-814 7/16"

NB-816 1/2"

12 POINT SOCKETS

NB-1210 5/16"
NB-1212 3/8"
NB-1214 7/16"

NB-1216 1/2"
NB-1218 9/16"
NB-1219 1 1/8"
NB-1220 5/8"

NB-1222 1 1/16"
NB-1224 3/4"
NB-1226 13/16"

EXTRA DEEP 12 POINT SOCKETS

NBD-14 7/16"
NBD-16 1/2"
NBD-18 9/16"

NBD-20 5/8"
NBD-22 1 1/16"
NBD-24 3/4"

NBD-26 1 3/16"
NBD-28 7/8"

12 POINT FLEX SOCKETS

NBF-14 7/16"

NBF-16 1/2"
NBF-18 9/16"

NBF-20 5/8"

DRIVE PARTS

NB-20 3" Extension
NB-21 6" Extension
NB-22 11" Extension
NB-30 6" Cross Bar

NB-42 Revs. Ratchet
NB-51 10" Flex Handle
NB-60 Universal Joint
NB-70 Slide Tee Handle

NB-85 16" Speeder
NB-90 Sc. Dr. Socket
NB-95 Drag Link Socket

14992 Metal Box (18 3/4" x 6" x 4 1/4")

Number
0638A

38 Pc. Set

15 PIECE SOCKET HOLDER SET

All essential 3/8" Drive Sockets for small jobs.

12 POINT SOCKETS

NB-1210 5/16"
NB-1212 3/8"
NB-1214 7/16"
NB-1216 1/2"

NB-1218 9/16"
NB-1220 5/8"
NB-1222 1 1/16"
NB-1224 3/4"

EXTRA DEEP 12 POINT SOCKETS

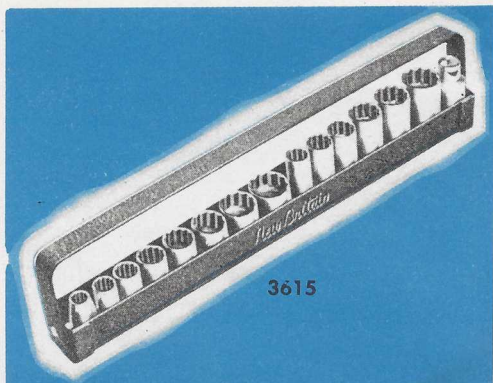
NBD-14 7/16"
NBD-16 1/2"
NBD-18 9/16"

NBD-20 5/8"
NBD-22 1 1/16"
NBD-24 3/4"

NB-90 Holding Screw Driver Socket
15278 Metal Tray

Number
3615

15 Pc. Set



*New Britain***3/8" DRIVE 10 PIECE SOCKET SET**

This ten piece assortment includes a good selection of the most frequently used 3/8" Drive items.

12 POINT SOCKETS

NB-1210	5/16"	NB-1216	1/2"
NB-1212	3/8"	NB-1218	9/16"
NB-1214	7/16"	NB-1220	5/8"

DRIVE PARTS

NB-21	6" Extension	NB-51	10" Flex Hdle.
NB-30	Cross Bar	NB-60	Univ. Joint
13658	Metal Box	(10" x 2 1/4" x 1 1/8")	

Number
0610

10 Pc. Set

3/8" DRIVE 15 PIECE SOCKET SET

With this versatile combination of tools, almost any difficult spot around a motor can be reached.

12 POINT SOCKETS

NB-1210	5/16"	NB-1219	1 9/32"
NB-1212	3/8"	NB-1220	5/8"
NB-1214	7/16"	NB-1222	1 1/16"
NB-1216	1/2"	NB-1224	3/4"
NB-1218	9/16"		

DRIVE PARTS

NB-21	6" Extension	NB-51	10" Flex Handle
NB-22	11" Extension	NB-60	Univ. Joint
NB-30	Cross Bar	NB-85	16" Speeder
14770	Metal Box	(17 1/2" x 5 1/4" x 1 1/4")	

Number
0615

15 Pc. Set

3/8" DRIVE 25 PIECE SOCKET SET

A very complete set which includes a 16" Speeder, Universal Joint and, in addition, the famous New Britain Reversible Ratchet.

8 POINT SOCKETS

NB-810	5/16"	NB-814	7/16"
NB-812	3/8"		

12 POINT SOCKETS

NB-1210	5/16"	NB-1219	1 9/32"
NB-1212	3/8"	NB-1220	5/8"
NB-1214	7/16"	NB-1222	1 1/16"
NB-1216	1/2"	NB-1224	3/4"
NB-1218	9/16"		

12 POINT FLEX SOCKETS

NBF-16	1/2"	NBF-20	5/8"
NBF-18	9/16"	NBF-22	1 1/16"

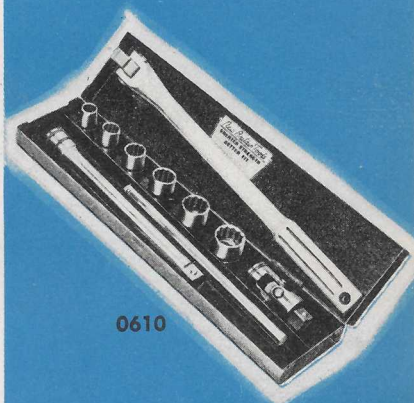
DRIVE PARTS

NB-20	3" Extension	NB-51	10" Flex Hdle.
NB-21	6" Extension	NB-60	Univ. Joint
NB-22	11" Extension	NB-85	16" Speeder
NB-30	Cross Bar	NB-95	Drag Link Socket
NB-42	7" Revs. Ratchet		

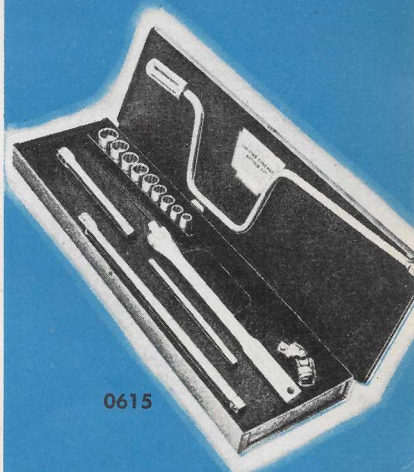
14770 Metal Box (17 1/2" x 5 1/4" x 1 1/4")

Number
0625

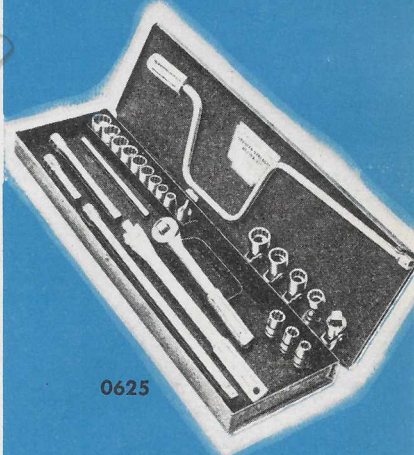
25 Pc. Set



0610



0615



0625

New Britain

MIDGET DRIVE TOOLS AND SOCKETS

1/4" Square Drive

As finely made as a watch—the correct sockets for work on Airplanes, Refrigerators, Generators, and Carburetors.

MIDGET REVERSIBLE RATCHET

Mighty handy "little giant," strong and compact.

Number	Length
NM-42	5"

MIDGET FLEX HANDLE

A fast Spinner. Use with Cross Bar as Tee Handle.

Number	Length
NM-51 (Flex. Hdl.)	6"
NM-31 (Cross Bar)	4 1/2"

MIDGET SLIDE TEE HANDLE

A fine basic tool. Combines with extensions.

Number	Length
NM-70	4 1/2"

MIDGET SOCKET EXTENSION

Great strength for safe use on any type of work.

Number	Length
NM-20	6"
NM-23	3"

MIDGET HANDLE ADAPTER

A comfortable grip makes this a favorite tool.

Number	Length
NM-63 (wood)	6"
NM-64 (amber)	6"

MIDGET FLEXIBLE SPINNER

This amazing tool works easily around obstructions.

Number	Length
NM-38	6"

MIDGET FLEXIBLE ADAPTER

Combines a flexible shaft with regular 1/4" handles.

Number	Length
NM-39	4"

MIDGET SCREW DRIVER SOCKET

Save time. Attach this to regular 1/4" handles.

Number	Length
NM-66	7/8"

6 POINT SOCKETS

Part No.	Size	U.S.S. Hex Head Bolt Size	S.A.E. Std. Cap Screw	S.A.E. Std. Nut
NM-606	3/16"	#2—	.086	
NM-607	7/32"			
NM-608	1/4"	#4—	.112	
NM-609	9/32"			
NM-610	5/16"	1/8"		1/8"
NM-611	11/32"			
NM-612	3/8"	3/16"	3/16"	
NM-614	7/16"		1/4"	1/4"

8 POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	U.S.S. or Amer. Std. Set Screw
NM-808	1/4"	#4—	.112
NM-810	5/16"	1/8"	
NM-812	3/8"	3/16"	

NM-42

NM-51

NM-31

NM-70

NM-20

NM-63

NM-38

NM-39

NM-66

NM-808 to NM-812

NM-606 to NM-614

*New Britain***1/4" Drive Sets****10 PIECE MIDGET SET**

An indispensable Set. Finds constant use in every garage. Includes the sockets used every day with an easy-to-use Adapter for getting into close corners.

SIX POINT SOCKETS

NM-606	3/16"	NM-609	9/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

DRIVE PARTS

NM-64	6" Amber Handle Adpt.	NM-66	Sc. Dr. Soc., 7/8"
13265	Metal Box (6 13/16" x 2 5/16" x 1 1/16")		

Number
1610

10 Piece Set

17 PIECE MIDGET SET

The tools in this set are extremely useful to mechanics in adjusting distributors, carburetors, generators—wherever fine work is done.

SIX POINT SOCKETS

NM-606	3/16"	NM-609	9/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

EIGHT POINT SOCKETS

NM-808	1/4"	NM-810	5/16"	NM-812	3/8"
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DRIVE PARTS

NM-20	6" Socket Ext.	NM-70	4 1/2" Slide Tee
NM-31	4 1/2" Cross Bar	NM-38	6" Flex. Spinner
NM-51	6" Flex Handle	NM-42	5" Revs. Ratchet
13990	Metal Box (6 13/16" x 3 13/16" x 1 1/16")		

Number
1617

17 Pc. Set

34 PIECE MASTER IGNITION SET

Intended for use by carburetor and ignition specialists. Has many uses in the service and installation of radios and electrical appliances.

SIX POINT SOCKETS

NM-606	3/16"	NM-609	9/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

EIGHT POINT SOCKETS

NM-808	1/4"	NM-810	5/16"	NM-812	3/8"
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DRIVE PARTS

NM-20	6" Extension
NM-23	3" Extension
NM-31	4 1/2" Cross Bar
NM-39	4" Flex Adpt.
NM-42	Revs. Ratchet
NM-51	6" Flex Hdl.
NM-64	Spinner Wr.
NM-70	4 1/2" Tee Hdl.

OTHER PARTS

NM-66	7/8" Sc. Dr. Soc.
D-12	2" Poc. Sc. Dr.
P-36	5" Ign. Pliers
E-356	3/16" x 13/64" Ign. Box Wr.
E-358	7/32" x 15/64" Ign. Box Wr.
E-360	1/4" x 9/32" Ign. Box Wr.
E-362	5/16" x 11/32" Ign. Box Wr.
E-114	13/64" x 15/16" Ign. O.E. Wr.
E-116	7/32" x 1/4" Ign. O.E. Wr.
E-118	15/64" x 13/64" Ign. O.E. Wr.
E-120	1/4" x 7/32" Ign. O.E. Wr.
E-128	5/16" x 9/32" Ign. O.E. Wr.
E-132	3/8" x 11/32" Ign. O.E. Wr.
FG-7	Ignition Feeler Gauge
F-202	5 1/2" Ign. Pt. File

18497 Metal Box
(9" x 5" x 1 1/4")

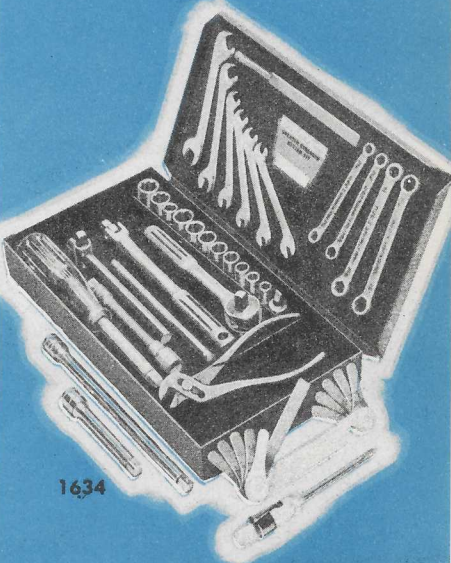
Number
1634 34 Piece Set



1610



1617



1634



19100



18500



New Britain

DELUXE PORTABLE TOOL CABINETS

Streamline, modern—and amazingly handy . . . these handsome Cabinets save time—keep Tools handy to the job, but neat and orderly.

ROLLO-SAFE

Precious Tools are sure of protection in sturdy Rollo-Safe . . . it locks up tightly when not in use. Two steel doors cover the entire front opening. Secured by a tumbler lock, individually keyed, it's proof against tampering. In use, the doors fold completely out of the way into the sides of Rollo-Safe. Overall, the Cabinet measures 28" wide by 18½" deep by 40" high. Generous space inside contains four smooth-sliding drawers, 21¾" wide by 16½"

deep. The drawers vary in height, ranging 2", 3", 3⅞", and 4⅜" high from top to bottom. The large compartment, 19" high, beneath the drawers, comfortably holds any large Tool Box. All around, there's room to spare for Tools of all shapes and sizes. Chrome-finished handle bars on each side of Rollo-Safe make an easy matter of moving. Smooth finish, chrome trim and modern lines make Rollo-Safe sparkle in any shop.

Number

19100 (Rollo-Safe, with four drawers and locking doors.)

ROLLO-CHEST

Extra roomy convenience, found in Rollo-Safe above, is built identically into Rollo-Chest. Overall dimensions and drawer sizes are the same in each. Instead of locking the entire front with sliding doors, however, Rollo-Chest remains open—but, all four drawers are made secure at once by a tumbler lock in the top drawer. And, here in Rollo-Chest, the bottom compartment is larger—25"

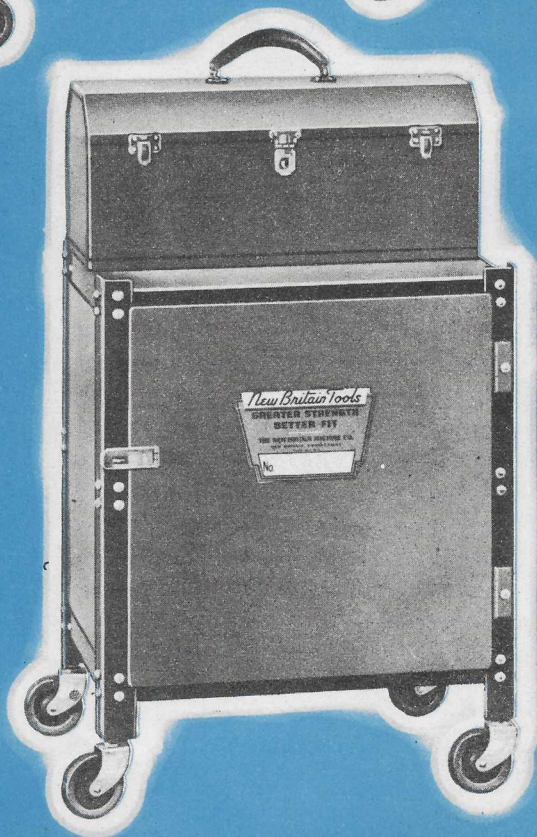
wide by 16½" deep by 19" high. It accommodates Number 14762 Master Tool Box which, itself, is equipped with hinge and hasp. Handle bars on both sides permit easy, balanced rolling of this handsome Cabinet from one job to another. New Britain's post-war styling of this big, rugged Rollo-Chest makes smart appearance second only to amazing on-the-job utility.

Number

18500 (Rollo-Chest, with four locking drawers.)



14763



14850

*New Britain***STANDARD PORTABLE TOOL CABINETS**

Designed to increase the efficiency of any machine shop or garage, especially where the work may be done a

long distance from the bench. It's very convenient to be able to roll a complete Tool Cabinet out to the job.

SENIOR PORTABLE TOOL CABINET

No. 14763 Cabinet and Tool Chest complete offer an ideal place to keep any and all tools, where they can be locked up safely and ready to roll at a moment's notice. The No. 14762 Tool Chest is 24" long, 11 $\frac{3}{8}$ " high and 9 $\frac{3}{8}$ " wide. It contains an ample Tote Tray and three removable Drawers. The Portable Cabinet, No. 14764,

is 25" high, 24 $\frac{1}{2}$ " wide and 14" deep, with a place on top for the Tool Chest, also additional room for tools or machine parts. Inside the Cabinet are three large trays. The Tool Chest has a padlock hasp and for safekeeping of Tools, the Cabinet has a pin tumbler cylinder lock, individually keyed.

Number

14763 (Chest and Cabinet)

14764 (Cabinet only)

14762 (Chest only)

JUNIOR PORTABLE TOOL CABINET

The New Britain Junior Portable Tool Cabinet has all the advantages and possibilities that are found in the Senior Cabinet. The only difference is the size. The Junior Cabinet, No. 14851 is 25" high, 20" wide and 14" deep. Not only does this type of Cabinet effect a decided saving in time, money and tools, but it adver-

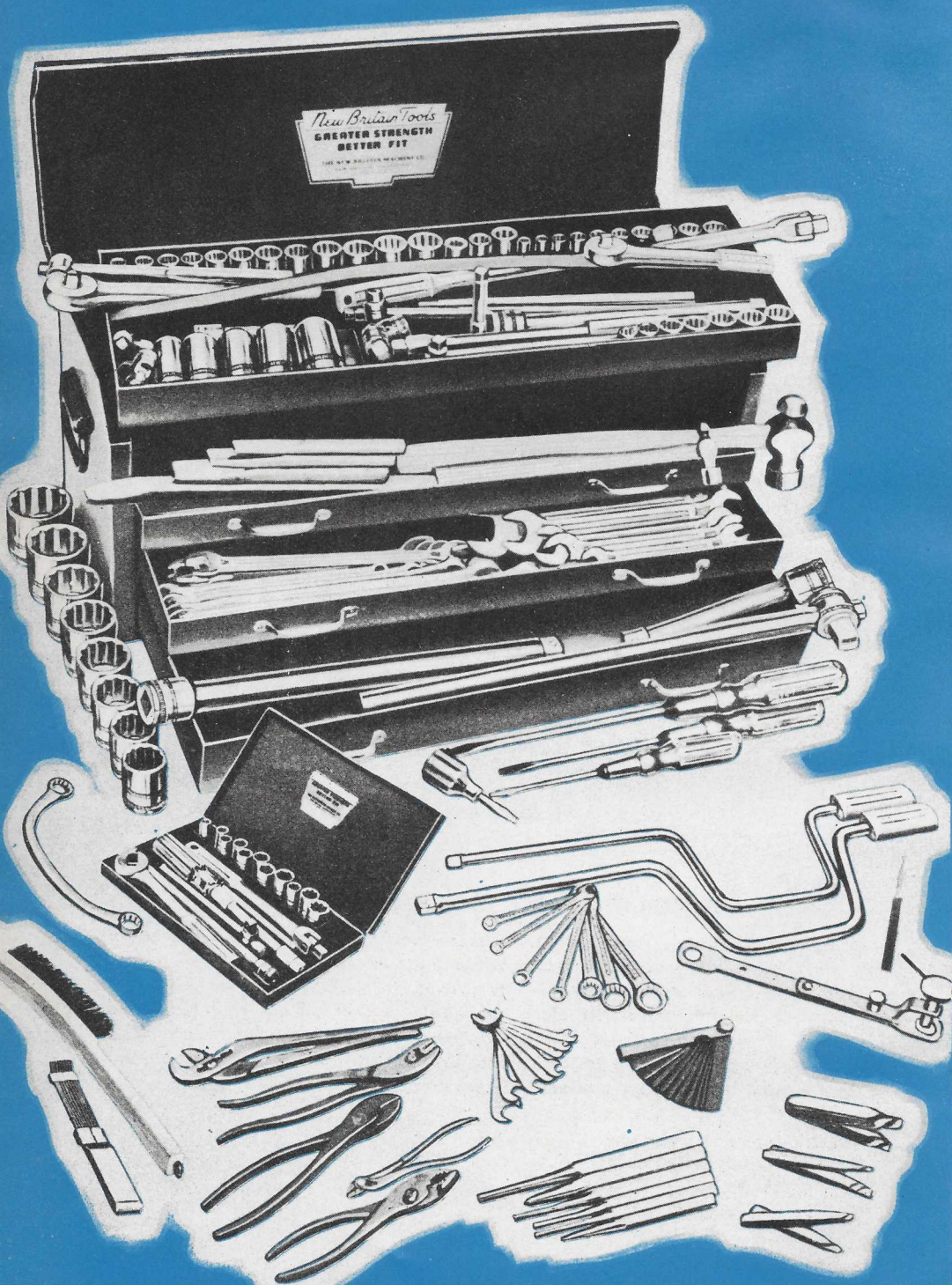
tises the progressiveness of a shop or garage. While this Cabinet is particularly designed as a vehicle for the No. 6076 Wrench Set, it has equal value if your tool equipment is satisfactory, because of its safety and convenience. Both Tool Chest and Cabinet have padlock hasps to take any standard lock.

Number

14850 (Chest and Cabinet)

14851 (Cabinet only)

14391 (Chest only—19" x 7 $\frac{3}{4}$ " x 9")



151 PIECE ASSORTMENT • MASTER TOOL SET

 $\frac{1}{2}$ " DRIVE—EIGHT POINT SOCKETSNT-814 $\frac{7}{16}$ "NT-816 $\frac{1}{2}$ "NT-818 $\frac{9}{16}$ " $\frac{1}{2}$ " DRIVE—TWELVE POINT SOCKETSNT-1214 $\frac{7}{16}$ "NT-1219 $\frac{19}{32}$ "NT-1224 $\frac{3}{4}$ "NT-1228 $\frac{7}{8}$ "NT-1216 $\frac{1}{2}$ "NT-1220 $\frac{5}{8}$ "NT-1225 $\frac{25}{32}$ "NT-1230 $\frac{15}{16}$ "NT-1218 $\frac{9}{16}$ "NT-1222 $\frac{11}{16}$ "NT-1226 $\frac{13}{16}$ "

NT-1232 1"

 $\frac{1}{2}$ " DRIVE—EXTRA DEEP TWELVE POINT SOCKETSNTD-26 $\frac{13}{16}$ "NTD-30 $\frac{15}{16}$ "NTD-36 $\frac{1}{8}$ "NTD-28B $\frac{7}{8}$ "

NTD-32 1"

NFV-618 $\frac{9}{16}$ " Ford Cn. Rd. Soc. $\frac{1}{2}$ " DRIVE PARTS

NS-24 5" Extension

NS-42 Revs. Ratchet

NS-70 Slide Tee Handle

NS-25 10" Extension

NS-56 18" Flex Handle

NS-85 19" Speeder

NS-31 10" Cross Bar

NS-60 Univ. Joint

NS-92 $\frac{15}{16}$ " Drag Lk. Soc. $\frac{3}{8}$ " DRIVE—TWELVE POINT SOCKETSNB-1210 $\frac{5}{16}$ "NB-1216 $\frac{1}{2}$ "NB-1220 $\frac{5}{8}$ "NB-1226 $\frac{13}{16}$ "NB-1212 $\frac{3}{8}$ "NB-1218 $\frac{9}{16}$ "NB-1222 $\frac{11}{16}$ "NBF-16 $\frac{1}{2}$ " FlexNB-1214 $\frac{7}{16}$ "NB-1219 $\frac{19}{32}$ "NB-1224 $\frac{3}{4}$ "NBF-18 $\frac{9}{16}$ " Flex $\frac{3}{8}$ " DRIVE—EXTRA DEEP TWELVE POINT SOCKETSNBD-16 $\frac{1}{2}$ "NBD-20 $\frac{5}{8}$ "NBD-24 $\frac{3}{4}$ "NBD-28 $\frac{7}{8}$ "NBD-18 $\frac{9}{16}$ "NBD-22 $\frac{11}{16}$ "NBD-26 $\frac{13}{16}$ " $\frac{3}{8}$ " DRIVE PARTS

NB-20 3" Extension

NB-42 Revs. Ratchet

NB-70 Slide Tee Handle

NB-21 6" Extension

NB-60 Univ. Joint

NB-85 16" Speeder

NB-22 11" Extension

NB-90 Screw Driver Soc.

NB-51 10" Flex Handle

NB-95 Drag Link Socket

 $\frac{1}{4}$ " DRIVE TOOLS

No. 1617 17 Piece Midget Set

 $\frac{3}{4}$ " DRIVE—TWELVE POINT SOCKETSNH-1234 $\frac{11}{16}$ "NH-1240 $\frac{11}{4}$ "NH-1246 $\frac{17}{16}$ "NH-1252 $\frac{15}{8}$ "NH-1236 $\frac{11}{8}$ "NH-1244 $\frac{13}{8}$ "NH-1248 $\frac{11}{2}$ "NH-1256 $\frac{13}{4}$ " $\frac{3}{4}$ " DRIVE PARTS

NH-28 8" Extension

NH-29 16" Extension

NH-70 Slide Tee Handle

WRENCHES

NDF-14 $\frac{3}{8}$ " x $\frac{7}{16}$ " O. E.E-120 $\frac{1}{4}$ " x $\frac{7}{32}$ " IgnitionNDF-200 $\frac{3}{8}$ " x $\frac{7}{16}$ " 15° Lg. Bx.NDF-18 $\frac{1}{2}$ " x $\frac{9}{16}$ " O. E.E-124 $\frac{9}{32}$ " x $\frac{5}{16}$ " IgnitionNDF-202 $\frac{1}{2}$ " x $\frac{9}{16}$ " 15° Lg. Bx.NDF-22 $\frac{5}{8}$ " x $\frac{3}{4}$ " O. E.E-128 $\frac{7}{16}$ " x $\frac{9}{32}$ " IgnitionNDF-204 $\frac{5}{8}$ " x $\frac{11}{16}$ " 15° Lg. Bx.NDF-25 $\frac{3}{4}$ " x $\frac{13}{16}$ " O. E.E-130 $\frac{11}{32}$ " x $\frac{3}{8}$ " IgnitionNDF-206 $\frac{3}{4}$ " x $\frac{25}{32}$ " 15° Lg. Bx.NDF-28 $\frac{3}{4}$ " x $\frac{7}{8}$ " O. E.E-132 $\frac{3}{8}$ " x $\frac{11}{32}$ " IgnitionNDF-210 $\frac{13}{16}$ " x $\frac{7}{8}$ " 15° Lg. Bx.NDF-30 $\frac{15}{16}$ " x 1" O. E.E-134 $\frac{7}{16}$ " x $\frac{1}{2}$ " IgnitionNDF-212 $\frac{15}{16}$ " x 1" 15° Lg. Bx.NDF-82 $\frac{1}{2}$ " x $\frac{9}{16}$ " Tap. (2)E-356 $\frac{3}{16}$ " x $\frac{13}{64}$ " Ign. Bx.NDF-400 $\frac{3}{8}$ " x $\frac{7}{16}$ " 15° Short Bx.NDF-84 $\frac{5}{8}$ " x $\frac{11}{16}$ " Tap. (2)E-358 $\frac{7}{32}$ " x $\frac{15}{64}$ " Ign. Bx.NDF-402 $\frac{1}{2}$ " x $\frac{9}{16}$ " 15° Short Bx.E-114 $\frac{13}{64}$ " x $\frac{15}{64}$ " IgnitionE-360 $\frac{1}{4}$ " x $\frac{9}{32}$ " Ign. Bx.NDF-404 $\frac{5}{8}$ " x $\frac{11}{16}$ " 15° Short Bx.E-116 $\frac{7}{32}$ " x $\frac{1}{4}$ " IgnitionE-362 $\frac{5}{16}$ " x $\frac{11}{32}$ " Ign. Bx.M-109 $\frac{5}{8}$ " x $\frac{9}{16}$ " Hf. Moon

OTHER TOOLS

H-2 2 oz. B. P. Hammer

220 Rivet Buster

E-101 $\frac{1}{4}$ " to $\frac{5}{16}$ " Screw Extr.

H-16 16 oz. B. P. Hammer

925 $\frac{51}{2}$ " Flat ChiselE-102 $\frac{5}{16}$ " to $\frac{3}{8}$ " Screw Extr.

P-20 7" Pliers

926 $\frac{61}{4}$ " Flat ChiselE-103 $\frac{3}{8}$ " to $\frac{7}{16}$ " Screw Extr.

P-30 Water Pump Pliers

928 8" Flat Chisel

E-104 $\frac{7}{16}$ " to $\frac{1}{2}$ " Screw Extr.P-36 $\frac{41}{2}$ " Ignition Pliers950 $\frac{51}{2}$ " Center PunchE-105 $\frac{1}{2}$ " to $\frac{5}{8}$ " Screw Extr.

P-40 7" Battery Pliers

952 Prick Punch

E-106 $\frac{5}{8}$ " up Screw Extr.

P-50 7" Diagonal Cutters

955 $\frac{53}{4}$ " Pin Punch

M-200 Tappet Adjusting Tool

D-24 4" Plast. Hdle. Sc. Dr.

956 $\frac{53}{4}$ " Pin Punch

P-204 Carbon Scraper (Flex.)

D-26 6" Plast. Hdle. Sc. Dr.

958 7" Pin Punch

FR-195 Wire Brush

D-28 8" Plast. Hdle. Sc. Dr.

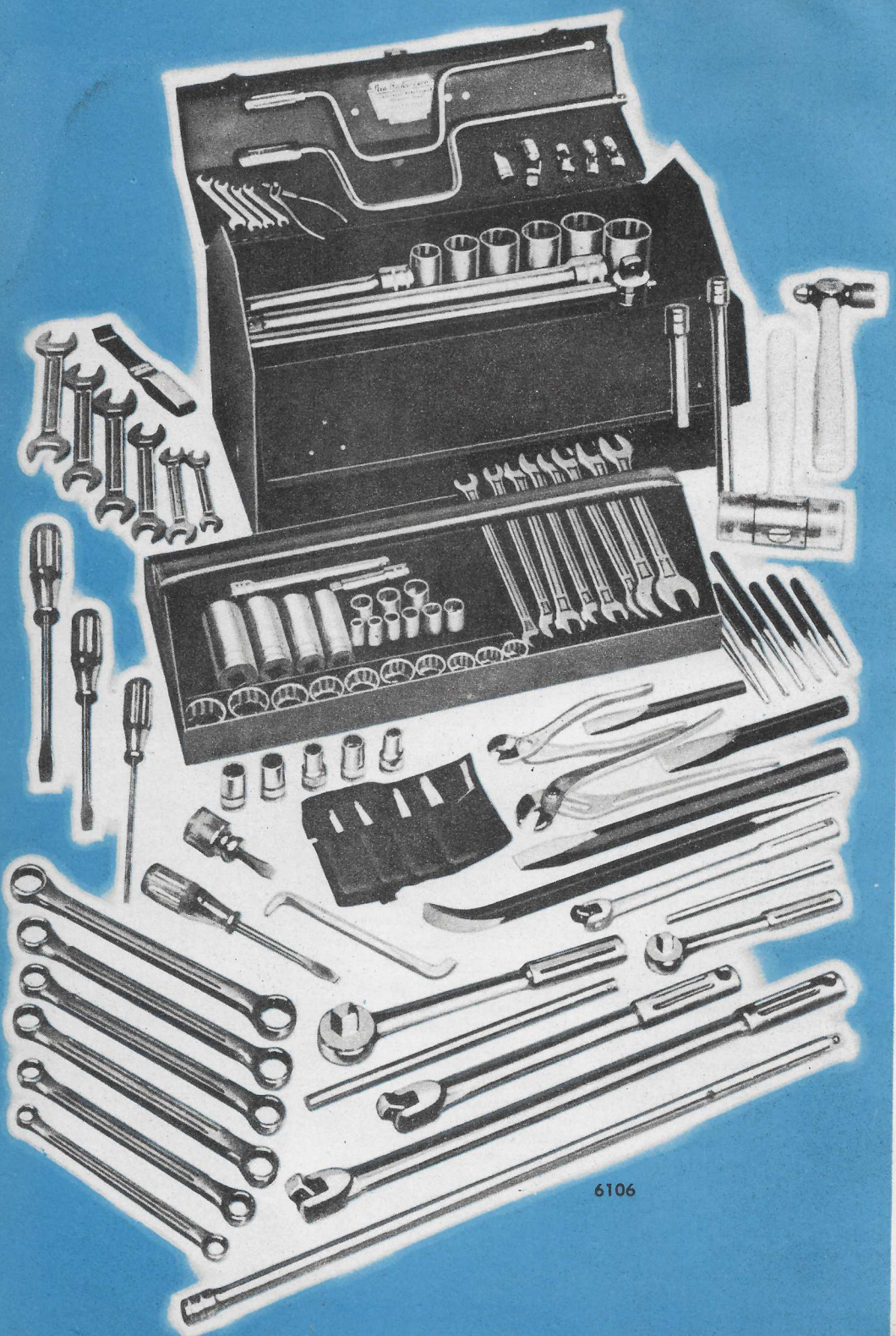
959 $\frac{71}{2}$ " Pin Punch

F-202 Ignition File

D-42 $\frac{13}{4}$ " Plast. Hdle. Sc. Dr.

FG-3 All Purp. Feeler Gge.

14762 Metal Box (24" x $11\frac{5}{8}$ " x $9\frac{3}{8}$ ")



6106

*New Britain***106 PIECE ASSORTMENT • SUPER SERVICE SET**

This set contains all the basic tools to make quick work of most standard jobs in any shop. A few extra tools can be added as needed to specialize on Ford, Chevrolet, Ignition, Brakes, etc.

1/2" DRIVE-TWELVE POINT SOCKETS

NT-1214	7/16"	NT-1221	21/32"	NT-1228	7/8"
NT-1216	1/2"	NT-1222	17/16"	NT-1230	13/16"
NT-1218	9/16"	NT-1224	3/4"	NT-1231	31/32"
NT-1219	19/32"	NT-1225	25/32"	NT-1232	1"
NT-1220	5/8"	NT-1226	13/16"	NT-1234	11/16"

1/2" DRIVE-EXTRA DEEP TWELVE POINT SOCKETS

NTD-24	3/4"	NTD-28	7/8"	NTD-32	1"	NTD-36	1 1/8"
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1/2" DRIVE PARTS

NS-24	5" Extension	NS-42	Revs. Ratchet	NS-60	Univ. Joint
NS-25	10" Extension	NS-56	18" Flex. Hdle.	NS-85	19" Speeder
NS-31	10" Cross Bar	NS-58	12" Flex. Hdle.	NS-92	15/16" Drag Lk. Socket

3/8" DRIVE-TWELVE POINT SOCKETS

NB-1210	5/16"	NB-1218	9/16"	NB-1226	13/16"
NB-1212	3/8"	NB-1220	5/8"	NBF-12	1/2" Flex
NB-1214	7/16"	NB-1222	11/16"	NBF-18	9/16" Flex
NB-1216	1/2"	NB-1224	3/4"		

3/8" DRIVE PARTS

NB-20	3" Extension	NB-30	Cross Bar	NB-60	Universal Joint
NB-21	6" Extension	NB-42	Revs. Ratchet	NB-85	16" Speeder
NB-23	20" Extension	NB-51	10" Flex. Hdle.		

3/4" DRIVE-TWELVE POINT SOCKETS

NH-1236	1 1/8"	NH-1244	13/8"	NH-1248	1 1/2"
NH-1240	1 1/4"	NH-1246	17/16"	NH-1252	1 5/8"

3/4" DRIVE PARTS

NH-28	8" Extension	NH-29	16" Extension	NH-70	Slide Tee Hdle.
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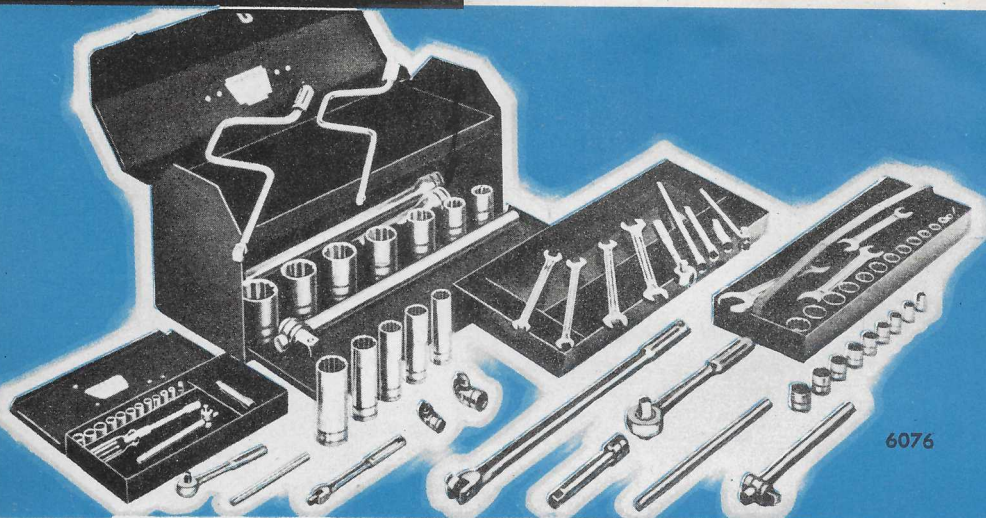
OTHER TOOLS

NDF-200	3/8" x 7/16" 15° Box Wr.	NDF-10	1/4" x 5/16" Open End Wr.
NDF-202	1/2" x 9/16" 15° Box Wr.	NDF-18	1/2" x 9/16" Open End Wr.
NDF-204	5/8" x 11/16" 15° Box Wr.	NDF-22	5/8" x 3/4" Open End Wr.
NDF-206	3/4" x 25/32" 15° Box Wr.	NDF-27	25/32" x 13/16" Open End Wr.
NDF-210	13/16" x 7/8" 15° Box Wr.	NDF-28	3/4" x 7/8" Open End Wr.
NDF-212	15/16" x 1" 15° Box Wr.	NDF-30	13/16" x 1" Open End Wr.
(2)NDF-80	7/16" x 17/32" Tap. Wr.	E-114	13/64" x 15/64" Ignition Wr.
(2)NDF-82	1/2" x 9/16" Tap. Wr.	E-116	7/32" x 1/4" Ignition Wr.
(2)NDF-84	5/8" x 11/16" Tap. Wr.	E-124	9/32" x 5/16" Ignition Wr.
(2)NDF-86	3/4" x 7/8" Tap. Wr.	E-130	11/32" x 3/8" Ignition Wr.
P-36	Ignition Pliers	220	Rivet Buster
P-30	Adj. Water Pump Pliers	376	5/16" x 5" Offset Sc. Driver
P-40	Battery Pliers	926	61/4" Cold Chisel
P-204	Flex. Carbon Scraper	928	8" Cold Chisel
H-16	16 oz. Ball Pein Hammer	936	16" Jimmy Bar
H-78	Soft Face Hammer	949	5" Center Punch
D-24	4" Std. Bl. Plastic Hdle. Sc. Dr.	955	53/4" Rivet Punch
D-26	6" Std. Bl. Plastic Hdle. Sc. Dr.	956	53/4" Rivet Punch
D-28	8" Std. Bl. Plastic Hdle. Sc. Dr.	957	61/4" Rivet Punch
D-36	8" Thin Bl. Plastic Hdle. Sc. Dr.	963	8" Long Taper Punch
D-42	13/4" Stubby Plastic Hdle. Sc. Dr.	964	9" Long Taper Punch
E-20	4 Pc. Screw Extractor Set	16000	Steel Box (113/4" x 101/8" x 201/8")

Number

6106

106 Pc. Set



New Britain

76 PIECE HEAVY DUTY SET

A complete range of all Drive Sockets and Drive Parts. The $\frac{3}{4}$ " Drive Tools are particularly adapted for heavy duty service in the truck and bus field.

$\frac{3}{4}$ " DRIVE-TWELVE POINT SOCKETS

NH-1234 $1\frac{1}{16}$ "
NH-1236 $1\frac{1}{8}$ "

NH-1240 $1\frac{1}{4}$ "
NH-1246 $1\frac{7}{16}$ "
NH-1248 $1\frac{1}{2}$ "

NH-1252 $1\frac{5}{8}$ "
NH-1256 $1\frac{3}{4}$ "

$\frac{3}{4}$ " DRIVE PARTS

NH-28 8" Extension

NH-29 16" Extension

NH-70 Slide Tee Handle

$\frac{1}{2}$ " DRIVE-TWELVE POINT SOCKETS

NT-1214 $\frac{7}{16}$ "
NT-1216 $\frac{1}{2}$ "
NT-1218 $\frac{9}{16}$ "
NT-1219 $\frac{19}{32}$ "

NT-1220 $\frac{5}{8}$ "
NT-1222 $1\frac{1}{16}$ "
NT-1224 $\frac{3}{4}$ "
NT-1225 $2\frac{5}{32}$ "

NT-1226 $1\frac{3}{16}$ "
NT-1228 $\frac{7}{8}$ "
NT-1230 $1\frac{5}{16}$ "
NT-1232 1"

NFV-21 $2\frac{1}{32}$ " for Model A Conn. Rods

$\frac{1}{2}$ " DRIVE-EXTRA DEEP TWELVE POINT SOCKETS

NTD-26 $1\frac{3}{16}$ "
NTD-28B $\frac{7}{8}$ "

NTD-30 $1\frac{5}{16}$ "
NTD-32 1"

NTD-36 $1\frac{1}{8}$ "

$\frac{1}{2}$ " DRIVE PARTS

NS-24 5" Extension
NS-31 10" Cross Bar
NS-42 Revs. Ratchet

NS-56 18" Flex Hdle.
NS-60 Univ. Joint
NS-70 Slide Tee Hdle.

NS-85 19" Speeder
NS-92 Drag Lk. Socket

$\frac{3}{8}$ " DRIVE-TWELVE POINT SOCKETS

NB-1210 $\frac{5}{16}$ "
NB-1212 $\frac{3}{8}$ "
NB-1214 $\frac{7}{16}$ "

NB-1216 $\frac{1}{2}$ "
NB-1218 $\frac{9}{16}$ "
NB-1219 $1\frac{9}{32}$ "

NB-1220 $\frac{5}{8}$ "
NB-1222 $1\frac{1}{16}$ "
NB-1224 $\frac{3}{4}$ "

$\frac{3}{8}$ " DRIVE PARTS

NB-20 3" Extension
NB-21 6" Extension

NB-22 11" Extension
NB-42 Revs. Ratchet
NB-60 Univ. Joint

NB-70 Slide Tee Hdl.
NB-85 16" Speeder

$\frac{1}{4}$ " DRIVE TOOLS

1617 17 Piece Midget Set

WRENCHES

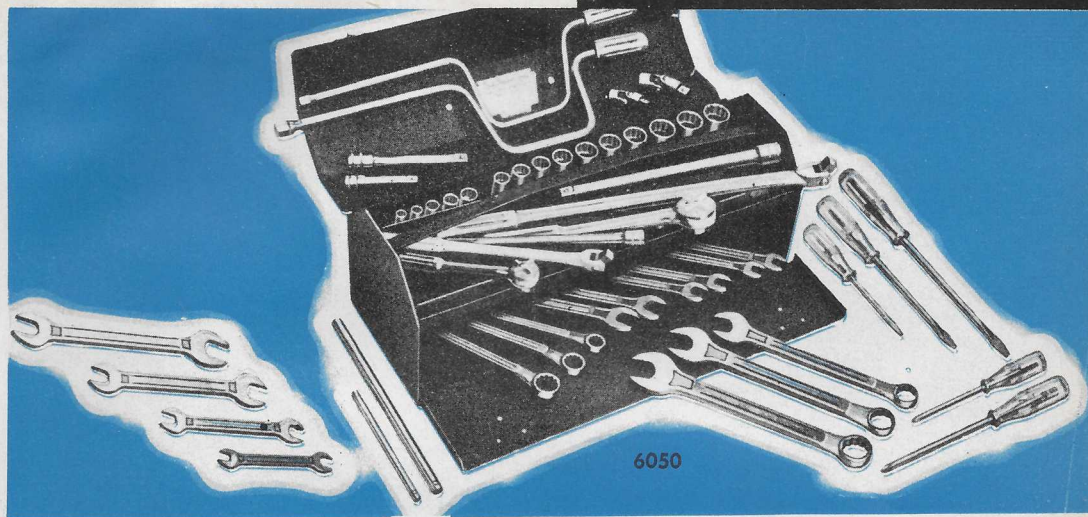
NDF-14 $\frac{3}{8}$ " x $\frac{7}{16}$ " Open End
NDF-18 $\frac{1}{2}$ " x $\frac{9}{16}$ " Open End
NDF-22 $\frac{5}{8}$ " x $\frac{3}{4}$ " Open End

NDF-82 $\frac{1}{2}$ " x $\frac{9}{16}$ " Tappet (2)
NDF-84 $\frac{5}{8}$ " x $1\frac{1}{16}$ " Tappet (2)

14391 Metal Box (19" x $7\frac{3}{4}$ " x 9")

Number
6076

76 Pc. Set



New Britain

50 PIECE MULTI-DUTY SET

The $\frac{3}{8}$ " and $\frac{1}{2}$ " Square Drive Tools can be used in both automotive and aircraft repair work. The Open End, Box, Combination and Tappet Wrenches are of the new New Britain design thereby insuring the most satisfactory performance.

$\frac{1}{2}$ " DRIVE-TWELVE POINT SOCKETS

NT-1216 $\frac{1}{2}$ "
NT-1218 $\frac{9}{16}$ "
NT-1220 $\frac{5}{8}$ "

NT-1221 $2\frac{1}{32}$ "
NT-1222 $1\frac{1}{16}$ "
NT-1224 $\frac{3}{4}$ "
NT-1226 $1\frac{3}{16}$ "

NT-1228 $\frac{7}{8}$ "
NT-1230 $1\frac{5}{16}$ "
NT-1232 1"

$\frac{1}{2}$ " DRIVE PARTS

NS-24 5" Extension
NS-25 10" Extension

NS-31 10" Cross Bar
NS-42 Revs. Ratchet
NS-56 18" Flex Handle

NS-60 Universal Joint
NS-85 19" Speeder

$\frac{3}{8}$ " DRIVE-TWELVE POINT SOCKETS

NB-1210 $\frac{5}{16}$ "
NB-1212 $\frac{3}{8}$ "

NB-1214 $\frac{7}{16}$ "
NB-1216 $\frac{1}{2}$ "

NB-1218 $\frac{9}{16}$ "

$\frac{3}{8}$ " DRIVE PARTS

NB-20 3" Extension
NB-22 11" Extension

NB-30 Cross Bar
NB-42 Revs. Ratchet
NB-51 10" Flex Handle

NB-60 Universal Joint
NB-85 16" Speeder

OTHER TOOLS

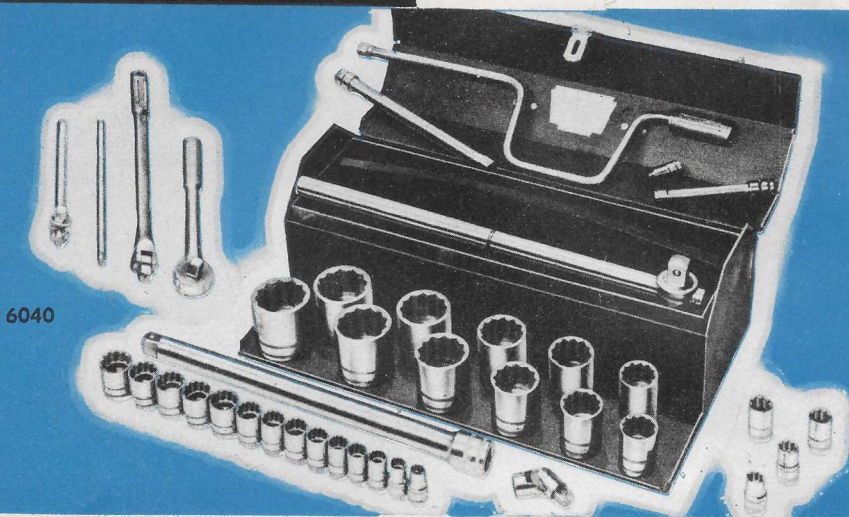
NDF-14 $\frac{3}{8}$ " x $\frac{7}{16}$ " Open End Wrench
NDF-18 $\frac{1}{2}$ " x $\frac{9}{16}$ " Open End Wrench
NDF-22 $\frac{5}{8}$ " x $\frac{3}{4}$ " Open End Wrench
NDF-25 $\frac{3}{4}$ " x $1\frac{1}{16}$ " Open End Wrench
NDF-62 $\frac{3}{4}$ " Comb. Box & Open End
NDF-64 $\frac{7}{8}$ " Comb. Box & Open End
NDF-66 $1\frac{1}{16}$ " Comb. Box & Open End
NDF-80 $\frac{7}{16}$ " x $1\frac{1}{32}$ " Tappet Wrench (2)
NDF-82 $\frac{1}{2}$ " x $\frac{9}{16}$ " Tappet Wrench (2)

NDF-84 $\frac{5}{8}$ " x $1\frac{1}{16}$ " Tappet Wrench (2)
NDF-202 $\frac{1}{2}$ " x $\frac{9}{16}$ " 15° Box Wrench
NDF-204 $\frac{5}{8}$ " x $1\frac{1}{16}$ " 15° Box Wrench
NDF-206 $\frac{3}{4}$ " x $2\frac{5}{32}$ " 15° Box Wrench
D-24 4" Rd. Shk. Plastic Hdle. Sc. Driver
D-26 6" Rd. Shk. Plastic Hdle. Sc. Driver
D-28 8" Rd. Shk. Plastic Hdle. Sc. Driver
DP-4 4" Phillips Plastic Hdle. Sc. Driver
DP-6 6" Phillips Plastic Hdle. Sc. Driver

13991 Metal Box (19" x 7" x 7")

Number
6050

50 Pc. Set



New Britain

40 PIECE TRUCK & TRACTOR SET

Especially suited for work on trucks, buses, industrial equipment and farm machinery. This set includes a wide selection of $\frac{1}{2}$ " Drive 12 Point and 8 Point Sockets, as well as the handles to be used with them. The eleven $\frac{3}{4}$ " Drive Sockets cover the most widely used large size nuts. The handles and extensions for these Sockets are included.

$\frac{1}{2}$ " DRIVE — TWELVE POINT SOCKETS

NT-1214 $\frac{7}{16}$ "
NT-1216 $\frac{1}{2}$ "
NT-1218 $\frac{9}{16}$ "
NT-1219 $\frac{19}{32}$ "
NT-1220 $\frac{5}{8}$ "

NT-1221 $\frac{21}{32}$ "
NT-1222 $\frac{11}{16}$ "
NT-1224 $\frac{3}{4}$ "
NT-1225 $\frac{25}{32}$ "
NT-1226 $\frac{13}{16}$ "

NT-1228 $\frac{7}{8}$ "
NT-1230 $\frac{15}{16}$ "
NT-1231 $\frac{31}{32}$ "
NT-1232 1"

$\frac{1}{2}$ " DRIVE — EIGHT POINT SOCKETS

NT-814 $\frac{7}{16}$ "
NT-816 $\frac{1}{2}$ "

NT-818 $\frac{9}{16}$ "
NT-820 $\frac{5}{8}$ "

$\frac{1}{2}$ " DRIVE PARTS

NS-24 5" Extension
NS-25 10" Extension
NS-31 10" Cross Bar

NS-42 Revs. Ratchet
NS-57 15" Flex Handle
NS-60 Universal Joint

NS-70 Slide Tee Handle
NS-85 19" Speeder
NS-92 $\frac{15}{16}$ " Drag Lk. Soc.

$\frac{3}{4}$ " DRIVE — TWELVE POINT SOCKETS

NH-1234 $\frac{11}{16}$ "
NH-1236 $\frac{11}{8}$ "
NH-1240 $\frac{11}{4}$ "
NH-1244 $\frac{13}{8}$ "

NH-1246 $\frac{17}{16}$ "
NH-1248 $\frac{11}{2}$ "
NH-1252 $\frac{15}{8}$ "
NH-1254 $1\frac{11}{16}$ "

NH-1256 $\frac{13}{4}$ "
NH-1258 $1\frac{13}{16}$ "
NH-1260 $\frac{17}{8}$ "

$\frac{3}{4}$ " DRIVE PARTS

NH-29 16" Extension
13991 Metal Box

NH-70 Slide Tee Handle
(19"x7"x7")

Number
6040

40 Pc. Set



0678A

*New Britain***78 PIECE AIRCRAFT SET**

For precision repairs in the Aircraft Field—thin wall Sockets and slim, balanced Drive Parts.

 $\frac{3}{8}$ " DRIVE — 12 POINT SOCKETS

NB-1210	$\frac{5}{16}$ "	NB-1220	$\frac{5}{8}$ "	NBD-14	$\frac{7}{16}$ " Deep	NBF-14	$\frac{7}{16}$ " Flex.
NB-1212	$\frac{3}{8}$ "	NB-1222	$\frac{11}{16}$ "	NBD-16	$\frac{1}{2}$ " Deep	NBF-16	$\frac{1}{2}$ " Flex.
NB-1214	$\frac{7}{16}$ "	NB-1224	$\frac{3}{4}$ "	NBD-18	$\frac{9}{16}$ " Deep	NBF-18	$\frac{9}{16}$ " Flex.
NB-1216	$\frac{1}{2}$ "	NB-1226	$\frac{13}{16}$ "	NBD-20	$\frac{5}{8}$ " Deep	NBF-20	$\frac{5}{8}$ " Flex.
NB-1218	$\frac{9}{16}$ "	NB-1228	$\frac{7}{8}$ "	NBF-12	$\frac{3}{8}$ " Flex.	NBF-22	$\frac{11}{16}$ " Flex.
NB-1219	$\frac{19}{32}$ "					NBF-24	$\frac{3}{4}$ " Flex.

 $\frac{3}{8}$ " DRIVE PARTS

NB-20	3" Extension	NB-42	6" Revers. Ratchet	NB-70	8" Slide Tee Handle
NB-21	6" Extension	NB-51	10" Flex Handle	NB-85	16" Speeder
NB-22	11" Extension	NB-60	Universal Joint	NB-95	Drag Link Socket
NB-30	Cross Bar				

FORGED WRENCHES

NDF-8	$\frac{3}{16}$ " x $\frac{1}{4}$ " O.E.	NDF-25	$\frac{3}{4}$ " x $1\frac{1}{16}$ " O.E.	NDF-62	$\frac{3}{4}$ " Combination
NDF-10	$\frac{1}{4}$ " x $\frac{5}{16}$ " O.E.	NDF-27	$\frac{25}{32}$ " x $1\frac{3}{16}$ " O.E.	NDF-300	$\frac{3}{8}$ " x $\frac{7}{16}$ " 45° Sh. Bx.
NDF-12	$\frac{5}{16}$ " x $\frac{3}{8}$ " O.E.	NDF-28	$\frac{3}{4}$ " x $\frac{7}{8}$ " O.E.	NDF-302	$\frac{1}{2}$ " x $\frac{9}{16}$ " 45° Sh. Bx.
NDF-14	$\frac{3}{8}$ " x $\frac{7}{16}$ " O.E.	NDF-50	$\frac{3}{8}$ " Combination	NDF-304	$\frac{5}{8}$ " x $1\frac{1}{16}$ " 45° Sh. Bx.
NDF-16	$\frac{7}{16}$ " x $\frac{1}{2}$ " O.E.	NDF-52	$\frac{7}{16}$ " Combination	NDF-400	$\frac{3}{8}$ " x $\frac{7}{16}$ " 15° Sh. Bx.
NDF-18	$\frac{1}{2}$ " x $\frac{9}{16}$ " O.E.	NDF-54	$\frac{1}{2}$ " Combination	NDF-402	$\frac{1}{2}$ " x $\frac{9}{16}$ " 15° Sh. Bx.
NDF-20	$\frac{9}{16}$ " x $\frac{3}{8}$ " O.E.	NDF-56	$\frac{9}{16}$ " Combination	NDF-404	$\frac{5}{8}$ " x $1\frac{1}{16}$ " 15° Sh. Bx.
NDF-22	$\frac{5}{8}$ " x $\frac{3}{4}$ " O.E.	NDF-58	$\frac{5}{8}$ " Combination	AW-6	6" Adjustable
NDF-23	$\frac{11}{16}$ " x $2\frac{5}{32}$ " O.E.	NDF-60	$\frac{11}{16}$ " Combination	AW-8	8" Adjustable

OTHER TOOLS

P-15	6" Thin Nose Pliers	926	$6\frac{1}{4}$ " Cold Chisel	D-42	Adjusting Screw Dr.
P-30	Water Pump Pliers	928	8" Cold Chisel	D-24	4" Screw Driver
P-45	6" Diag. Cut. Pliers	963	8" Taper Punch	D-26	6" Screw Driver
P-582	Long Nose Cut. Pliers	949	5" Center Punch	D-28	8" Screw Driver
H-3	3 $\frac{1}{2}$ oz. B. P. Hammer	955	$5\frac{3}{4}$ " Pin Punch	D-310	10" Screw Driver
H-12	12 oz. B. P. Hammer	957	$6\frac{1}{4}$ " Pin Punch	MH-6	8 $\frac{3}{4}$ " Holding Tool
H-76	8 oz. S. F. Hammer	SP14391	Box 19" x $7\frac{3}{4}$ " x 9"		

Number
0678A

78 Pc. Set

New Britain

BOX END WRENCHES

New design insures better fit of box on nut. Better working angle gives greater leverage.

DELUXE PANEL SHORT BOX ENDS, 15°

Drop forged for better balance and fit.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-400	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$\frac{3}{16}$ " x —	$\frac{3}{16}$ " x $\frac{1}{4}$ "	— x $\frac{1}{4}$ "	$4\frac{1}{8}$ "
NDF-402	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{1}{4}$ " x —	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$4\frac{5}{8}$ "
NDF-404	$\frac{5}{8}$ " x $\frac{11}{16}$ "	— x $\frac{3}{8}$ "	$\frac{7}{16}$ " x —	$\frac{7}{16}$ " x —	$5\frac{1}{8}$ "

DELUXE PANEL SHORT BOX ENDS, 45°

Engineered for firm grip.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-300	$\frac{3}{8}$ " x $\frac{1}{16}$ "	—	— x $\frac{1}{4}$ "	— x $\frac{1}{4}$ "	$4\frac{5}{8}$ "
NDF-301	$\frac{7}{16}$ " x $\frac{1}{2}$ "	— x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$5\frac{9}{16}$ "
NDF-302	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{1}{4}$ " x —	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$5\frac{9}{16}$ "
NDF-303	$\frac{9}{16}$ " x $\frac{7}{8}$ "	—	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$6\frac{1}{8}$ "
NDF-304	$\frac{3}{8}$ " x $\frac{11}{16}$ "	— x $\frac{3}{8}$ "	$\frac{7}{16}$ " x —	$\frac{7}{16}$ " x —	$6\frac{1}{8}$ "

DELUXE PANEL LONG BOX ENDS, 15°

Drop forged from finest alloy steel. Carefully broached in twelve point. Smallest number of non-duplicating sizes gives complete range from $\frac{3}{8}$ " up to $1\frac{3}{8}$ ".

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-200	$\frac{3}{8}$ " x $\frac{1}{16}$ "	—	— x $\frac{1}{4}$ "	— x $\frac{1}{4}$ "	$7\frac{3}{4}$ "
NDF-201	$\frac{7}{16}$ " x $\frac{1}{2}$ "	— x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$8\frac{5}{8}$ "
NDF-202	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{1}{4}$ " x —	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$8\frac{5}{8}$ "
NDF-203	$\frac{9}{16}$ " x $\frac{7}{8}$ "	—	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$9\frac{13}{16}$ "
NDF-204	$\frac{5}{8}$ " x $\frac{11}{16}$ "	— x $\frac{3}{8}$ "	$\frac{7}{16}$ " x —	$\frac{7}{16}$ " x —	$9\frac{13}{16}$ "
NDF-205	$\frac{3}{4}$ " x $\frac{3}{4}$ "	—	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	10"
NDF-206	$\frac{3}{4}$ " x $2\frac{5}{32}$ "	— x $\frac{7}{16}$ "	$\frac{1}{2}$ " x —	$\frac{1}{2}$ " x —	$10\frac{1}{2}$ "
NDF-208	$\frac{3}{4}$ " x $\frac{7}{8}$ "	— x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	$11\frac{1}{8}$ "
NDF-210	$1\frac{3}{16}$ " x $\frac{7}{8}$ "	— x $\frac{1}{2}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$\frac{9}{16}$ " x —	$11\frac{1}{8}$ "
NDF-212	$1\frac{5}{16}$ " x 1"	— x $\frac{5}{8}$ "	— x $\frac{3}{4}$ "	$\frac{3}{8}$ " x $1\frac{1}{16}$ "	12 $\frac{1}{4}$ "
NDF-214	$1\frac{1}{16}$ " x $1\frac{1}{8}$ "	$\frac{5}{8}$ " x —	— x $\frac{7}{8}$ "	$\frac{3}{4}$ " x —	$13\frac{1}{2}$ "
NDF-216	$1\frac{1}{4}$ " x $1\frac{5}{8}$ "	$\frac{3}{4}$ " x $\frac{7}{8}$ "	1" x $\frac{7}{8}$ "	$\frac{7}{8}$ " x —	16"
NDF-218	$1\frac{1}{4}$ " x $1\frac{3}{8}$ "	$\frac{3}{4}$ " x —	1" x —	$\frac{7}{8}$ " x —	16"

DE LUXE PANEL LONG BOX ENDS, 45°

45° offset fits "hard to get at places."

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-100	$\frac{3}{8}$ " x $\frac{1}{16}$ "	—	— x $\frac{1}{4}$ "	— x $\frac{1}{4}$ "	$7\frac{3}{4}$ "
NDF-101	$\frac{7}{16}$ " x $\frac{1}{2}$ "	— x $\frac{1}{4}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$8\frac{5}{8}$ "
NDF-102	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{1}{4}$ " x —	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$\frac{5}{16}$ " x $\frac{3}{8}$ "	$8\frac{5}{8}$ "
NDF-103	$\frac{9}{16}$ " x $\frac{7}{8}$ "	—	$\frac{3}{8}$ " x $\frac{1}{16}$ "	$\frac{3}{8}$ " x $\frac{1}{16}$ "	10"
NDF-104	$\frac{5}{8}$ " x $\frac{11}{16}$ "	— x $\frac{3}{8}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	10"
NDF-105	$\frac{3}{4}$ " x $\frac{3}{4}$ "	—	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$10\frac{1}{2}$ "
NDF-106	$\frac{3}{4}$ " x $2\frac{5}{32}$ "	— x $\frac{7}{16}$ "	$\frac{1}{2}$ " x —	$\frac{1}{2}$ " x —	$11\frac{1}{8}$ "
NDF-108	$\frac{3}{4}$ " x $\frac{7}{8}$ "	— x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	$11\frac{1}{8}$ "
NDF-110	$1\frac{3}{16}$ " x $\frac{7}{8}$ "	— x $\frac{1}{2}$ "	$\frac{9}{16}$ " x $\frac{5}{8}$ "	— x $\frac{9}{16}$ "	$11\frac{1}{8}$ "
NDF-112	$1\frac{5}{16}$ " x 1"	— x $\frac{5}{8}$ "	— x $\frac{3}{4}$ "	$\frac{3}{8}$ " x $1\frac{1}{16}$ "	$14\frac{1}{4}$ "
NDF-114	$1\frac{1}{16}$ " x $1\frac{1}{8}$ "	$\frac{5}{8}$ " x —	— x $\frac{7}{8}$ "	$\frac{3}{4}$ " x —	$15\frac{1}{2}$ "
NDF-116	$1\frac{1}{4}$ " x $1\frac{3}{8}$ "	$\frac{3}{4}$ " x —	1" x —	$\frac{7}{8}$ " x —	$18\frac{1}{2}$ "
NDF-118	$1\frac{1}{16}$ " x $1\frac{3}{8}$ "	$\frac{7}{8}$ " x 1"	—	1" x $1\frac{1}{8}$ "	23"

IGNITION BOX END WRENCHES

Mighty midgets for work on carburetors, starters, generators and electrical work in general.

Part No.	Opening	Length
E-356	$\frac{3}{16}$ " x $1\frac{3}{64}$ "	3"
E-358	$\frac{7}{32}$ " x $1\frac{15}{64}$ "	3"
E-360	$\frac{1}{4}$ " x $\frac{9}{32}$ "	$3\frac{3}{4}$ "
E-362	$\frac{5}{16}$ " x $1\frac{11}{32}$ "	$3\frac{3}{4}$ "

NDF-400
to NDF-404

NDF-300
to NDF-304

NDF-200
to NDF-218

NDF-100
to NDF-118

E-356
to E-362

New Britain

DELUXE PANEL OPEN END WRENCHES

Thin heads, greater strength, and perfect balance is our standard for Open End Wrenches. Drop forged of the finest alloy steel, these Open Ends will resist the strain of constant use. The accurate milled openings insure proper fit.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-8	3/16" x 1/4"	# 3—099	—	# 4—.112	4 1/16"
NDF-10	1/4" x 5/16"	—x 1/8"	—x 1/8"	—	4 13/32"
NDF-12	5/16" x 3/8"	1/8" x—	1/8" x 3/16"	—	4 13/16"
NDF-13	5/16" x 13/32"	1/8" x 3/16"	1/8" x—	—	4 13/16"
NDF-14	3/8" x 7/16"	—	3/16" x 1/4"	—x 1/4"	5 13/32"
NDF-16	7/16" x 1/2"	—x 1/4"	1/4" x 3/16"	1/4" x 5/16"	6 3/32"
NDF-18	1/2" x 9/16"	1/4" x—	5/16" x 3/8"	5/16" x 3/8"	6 3/4"
NDF-20	9/16" x 5/8"	—	3/8" x 7/16"	3/8" x 7/16"	7 13/32"
NDF-21	19/32" x 11/16"	5/16" x 3/8"	—	—	7 13/32"
NDF-22	5/8" x 3/4"	—	7/16" x 1/2"	7/16" x 1/2"	8 3/16"
NDF-23	11/16" x 25/32"	3/8" x 7/16"	—	—	8 3/16"
NDF-25	3/4" x 13/16"	—	1/2" x 9/16"	1/2" x—	9 25/32"
NDF-27	25/32" x 13/16"	7/16" x—	—x 9/16"	—	9 25/32"
NDF-28	3/4" x 7/8"	—x 1/2"	1/2" x 5/8"	1/2" x 9/16"	9 25/32"
NDF-29	7/8" x 15/16"	1/2" x—	5/8" x—	9/16" x 5/8"	10 5/8"
NDF-30	15/16" x 1"	—	—x 3/4"	5/8" x 3/4"	10 5/8"
NDF-31	15/16" x 1 1/16"	—x 5/8"	—	5/8" x 3/4"	11 23/32"
NDF-33	1" x 1 1/8"	—	3/4" x 7/8"	1 1/16" x—	11 23/32"
NDF-34	1 1/8" x 1 1/4"	5/8" x 3/4"	—x 1"	3/4" x 7/8"	12 11/16"
NDF-35	1 1/16" x 1 1/4"	—x 3/4"	7/8" x 1"	—x 7/8"	12 11/16"
NDF-36	1 1/8" x 1 1/16"	—	7/8" x—	—	12 11/16"

DELUXE PANEL TAPPET WRENCHES

Double end. Offset heads. A new design in tappet wrenches which eliminates needless duplication of lengths and sizes. These are short enough to take care of the small clearance jobs and yet long enough to handle practically all of the work on present day cars.

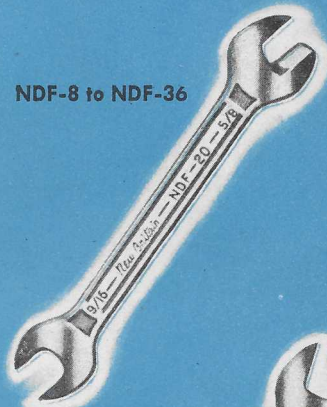
Part No.	Opening	U.S.S. Bolt Size	S.A.E. Std. Screw & Nut	Length
NDF-78	7/16" x 1/2"	—x 1/4"	1/4" x 5/16"	10"
NDF-80	7/16" x 1 1/32"	—	1/4" x—	10"
NDF-82	1/2" x 9/16"	1/4" x—	5/16" x 3/8"	10"
NDF-83	9/16" x 5/8"	—	3/8" x 1/16"	10"
NDF-84	5/8" x 1 1/16"	—x 3/8"	7/16" x—	10"
NDF-86	3/4" x 7/8"	—x 1/2"	1/2" x 9/16"	10"

DELUXE PANEL COMBINATION WRENCHES

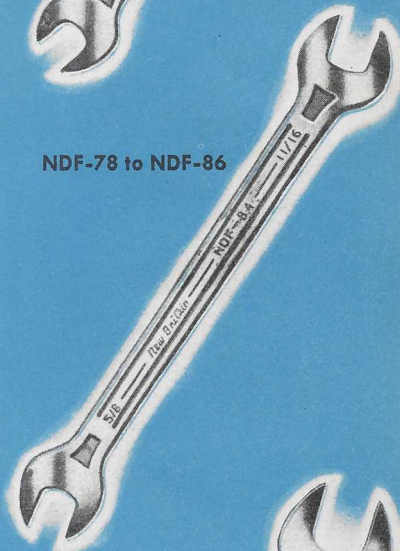
Every day more mechanics turn to this type of wrench. The same opening on each end makes it easy to turn almost any nut. Offset for maximum clearance.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-48	5/16" x 5/16"	1/8"	1/8"	—	4 3/4"
NDF-50	3/8" x 3/8"	—	3/16"	—	4 3/4"
NDF-52	7/16" x 7/16"	—	1/4"	1/4"	5 9/8"
NDF-54	1/2" x 1 1/2"	1/4"	5/16"	5/16"	6 1/16"
NDF-56	9/16" x 9/16"	—	3/8"	3/8"	6 13/16"
NDF-58	5/8" x 5/8"	—	7/16"	7/16"	7 3/4"
NDF-60	11/16" x 1 1/16"	3/8"	—	—	8 5/8"
NDF-62	3/4" x 3/4"	—	1/2"	1/2"	9 1/2"
NDF-63	13/16" x 13/16"	—	9/16"	—	10 3/8"
NDF-64	7/8" x 7/8"	1/2"	5/8"	5/8"	10 3/8"
NDF-66	15/16" x 15/16"	—	3/4"	3/4"	11"
NDF-68	1" x 1"	—	—	11/16"	11"
NDF-70	1 1/16" x 1 1/16"	5/8"	—	3/4"	13"
NDF-72	1 1/8" x 1 1/8"	—	7/8"	—	13"

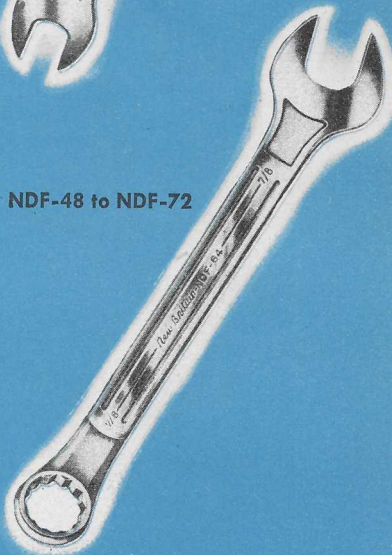
NDF-8 to NDF-36

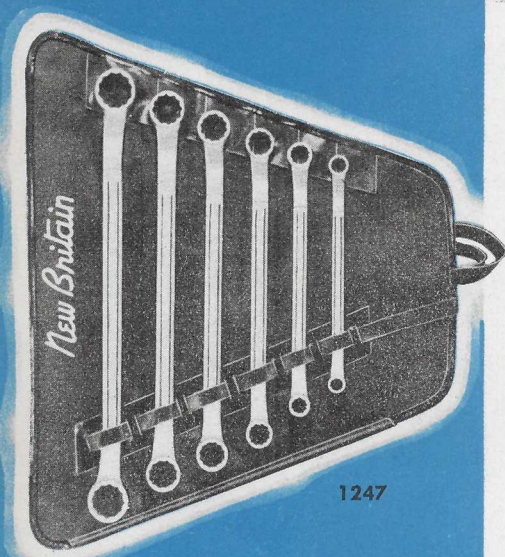


NDF-78 to NDF-86

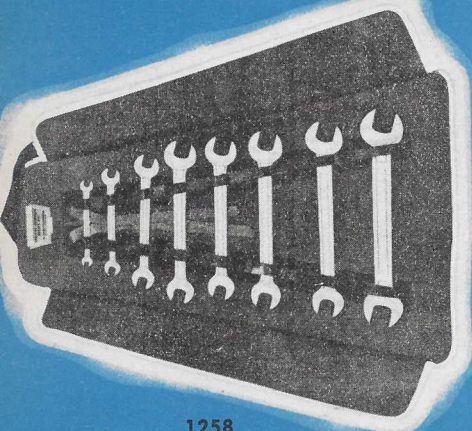


NDF-48 to NDF-72

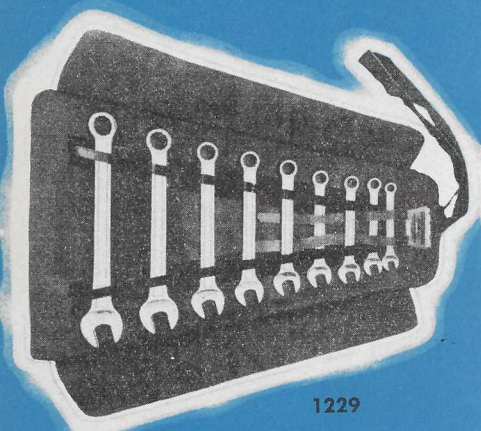




1247



1258



1229

New Britain BOX END AND OPEN END WRENCH SETS

The advantages of buying wrenches in sets are many. The Wrenches contained in the Sets listed cover practically all service work.

5 PIECE — LONG 45° BOX WRENCH SET

NDF-100	3/8" x 7/16"	NDF-106	3/4" x 25/32"
NDF-102	1/2" x 9/16"	NDF-110	13/16" x 7/8"
NDF-104	5/8" x 11/16"	15876	Leatherette Roll

Number
1246 5 Pc. Set

6 PIECE — LONG 45° BOX WRENCH SET

NDF-100	3/8" x 7/16"	NDF-106	3/4" x 25/32"
NDF-102	1/2" x 9/16"	NDF-110	13/16" x 7/8"
NDF-104	5/8" x 11/16"	NDF-112	15/16" x 1"

15876 Leatherette Roll

Number
1247 6 Pc. Set

6 PIECE — OPEN END WRENCH SET

NDF-14	3/8" x 7/16"	NDF-22	5/8" x 3/4"
NDF-18	1/2" x 9/16"	NDF-27	25/32" x 13/16"
NDF-21	19/32" x 11/16"	NDF-28	3/4" x 7/8"

15873 Leatherette Roll

Number
1256 6 Pc. Set

8 PIECE — OPEN END WRENCH SET

NDF-10	1/4" x 5/16"	NDF-22	5/8" x 3/4"
NDF-14	3/8" x 7/16"	NDF-27	25/32" x 13/16"
NDF-18	1/2" x 9/16"	NDF-28	3/4" x 7/8"
NDF-21	19/32" x 11/16"	NDF-30	15/16" x 1"

15878 Leatherette Roll

Number
1258 8 Pc. Set

4 PIECE — BOX & OPEN END WRENCH SET

NDF-52	7/16"	NDF-56	9/16"
NDF-54	1/2"	NDF-58	5/8"

15873 Leatherette Roll

Number
1224 4 Pc. Set

6-PIECE — BOX & OPEN END WRENCH SET

NDF-52	7/16"	NDF-58	5/8"
NDF-54	1/2"	NDF-60	11/16"
NDF-56	9/16"	NDF-62	3/4"

15873 Leatherette Roll

Number
1226 6 Pc. Set

9-PIECE — BOX & OPEN END WRENCH SET

NDF-50	3/8"	NDF-60	11/16"
NDF-52	7/16"	NDF-62	3/4"
NDF-54	1/2"	NDF-64	7/8"
NDF-56	9/16"	NDF-66	15/16"
NDF-58	5/8"		

15878 Leatherette Roll

Number
1229 9 Pc. Set

*New Britain***Forged Wrench Sets****4 PIECE — LONG 15° BOX WRENCH SET**

NDF-200	$\frac{3}{8}$ " x $\frac{7}{16}$ "	NDF-204	$\frac{5}{8}$ " x $\frac{11}{16}$ "
NDF-202	$\frac{1}{2}$ " x $\frac{9}{16}$ "	NDF-206	$\frac{3}{4}$ " x $\frac{25}{32}$ "

15875 Leatherette Roll

Number

1244 4 Pc. Set

5 PIECE — LONG 15° BOX WRENCH SET

NDF-200	$\frac{3}{8}$ " x $\frac{7}{16}$ "	NDF-206	$\frac{3}{4}$ " x $\frac{25}{32}$ "
NDF-202	$\frac{1}{2}$ " x $\frac{9}{16}$ "	NDF-210	$\frac{13}{16}$ " x $\frac{7}{8}$ "
NDF-204	$\frac{5}{8}$ " x $\frac{11}{16}$ "		

15877 Leatherette Roll

Number

1242 5 Pc. Set

6 PIECE — LONG 15° BOX WRENCH SET

NDF-200	$\frac{3}{8}$ " x $\frac{7}{16}$ "	NDF-206	$\frac{3}{4}$ " x $\frac{25}{32}$ "
NDF-202	$\frac{1}{2}$ " x $\frac{9}{16}$ "	NDF-210	$\frac{13}{16}$ " x $\frac{7}{8}$ "
NDF-204	$\frac{5}{8}$ " x $\frac{11}{16}$ "	NDF-212	$\frac{15}{16}$ " x 1"

15877 Leatherette Roll

Number

1240 6 Pc. Set

4 PIECE — TAPPET WRENCH SET

(2) NDF-80	$\frac{7}{16}$ " x $\frac{17}{32}$ "	(2) NDF-82	$\frac{1}{2}$ " x $\frac{9}{16}$ "
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15880 Leatherette Roll

Number

1204 4 Pc. Set

6 PIECE — TAPPET WRENCH SET

(2) NDF-80	$\frac{7}{16}$ " x $\frac{17}{32}$ "	(2) NDF-84	$\frac{5}{8}$ " x $\frac{11}{16}$ "
(2) NDF-82	$\frac{1}{2}$ " x $\frac{9}{16}$ "		

15880 Leatherette Roll

Number

1206 6 Pc. Set

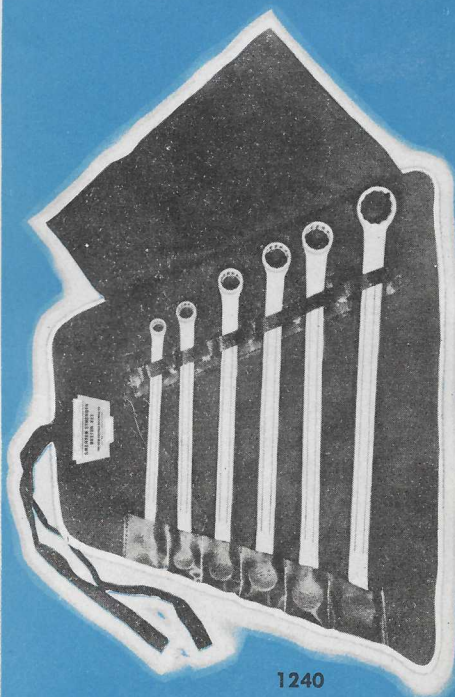
10 PIECE — IGNITION OPEN END WRENCH SET

	15° Angle	60° Angle		15° Angle	60° Angle
E114	$\frac{13}{64}$ "	$\frac{15}{64}$ "	E124	$\frac{9}{32}$ "	$\frac{5}{16}$ "
E116	$\frac{7}{32}$ "	$\frac{1}{4}$ "	E128	$\frac{5}{16}$ "	$\frac{9}{32}$ "
E118	$\frac{15}{64}$ "	$\frac{13}{64}$ "	E130	$\frac{11}{32}$ "	$\frac{3}{8}$ "
E120	$\frac{1}{4}$ "	$\frac{7}{32}$ "	E132	$\frac{3}{8}$ "	$\frac{11}{32}$ "
E122	$\frac{17}{64}$ "	$\frac{19}{64}$ "	E134	$\frac{7}{16}$ "	$\frac{1}{2}$ "

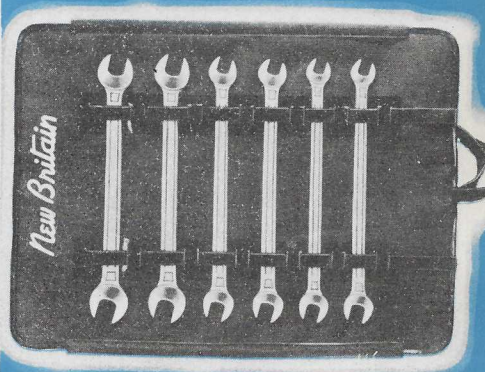
15869 Leatherette Roll

Number

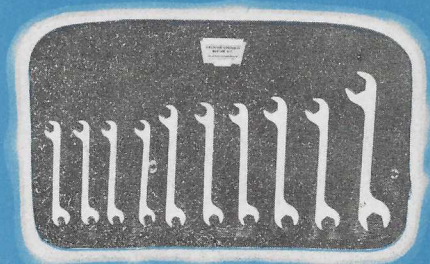
E-10 10 Pc. Set



1240



1206



E-10

New Britain

STILLSON WRENCHES

An improved type of Pipe Wrench completely drop forged. Engineered for heavy duty work. On many jobs nothing will perform so well as a Stillson Wrench and no wrench will give a firmer grip or stand a harder pull than a New Britain Stillson Wrench.

SW-6
SW-8
SW-10
SW-14
SW-18
SW-24

Number	Size	Capacity
SW-6	6"	1 1/2"
SW-8	8"	3 1/4"
SW-10	10"	1"
SW-14	14"	1 1/2"
SW-18	18"	2"
SW-24	24"	2 1/2"

AW-6
AW-8
AW-10
AW-12

ADJUSTABLE ANGLE WRENCHES

If you have used Angle Wrenches for a long time, you will really appreciate this new improved Wrench. Its unique construction permits it to hold nuts more firmly than the old style Wrenches and it has added strength where it is most needed. The jaws are not only non-slip in their hold on the nut, but due to their extreme thinness, they can be used in many places where other Wrenches will not enter. 22 1/2° Angle.

Number	Size	Capacity	Thickness of Head	
			Thickest Point	Tip of Jaw
AW-6	6"	3/4"	1 3/32"	7/32"
AW-8	8"	1 5/16"	1 5/32"	1/4"
AW-10	10"	1 1/8"	9/16"	3/8"
AW-12	12"	1 5/16"	3/4"	17/32"

M-109

CH-103

HALF MOON BOX ENDS

Often referred to as Obstruction Wrenches, these Tools are rightly named. They actually will work around corners and they have many other uses, as well as manifolds, starters and carburetors.

Number	Size		Length
	Openings		
M-109	9/16" x 5/8"		7 3/4"
CH-103	5/8" x 3/4"		7 3/4"

OBSTRUCTION OPEN ENDS

Here is a unique Wrench which replaces the so-called right angle Wrenches and can be used for brakes and also many other purposes around airplanes where a Wrench must operate in a very limited space. They will easily remove nuts which would be impossible with any other Wrench because they actually will function in spaces where only an inch or two of movement is permitted. 15° and 60° Angle Heads. Permits twenty-four different "bites" on a nut in a 360° Circle.

Number	Size	Length
HF-6	1/2" x 1/2"	6 1/4"
HF-8	9/16" x 9/16"	6 1/4"
HF-10	5/8" x 5/8"	6 1/4"
HF-12	1 1/16" x 1 1/16"	7 1/4"

HF-6

HF-8

HF-10

HF-12

*New Britain***HAMMERS****BALL PEIN**

A perfectly balanced Hammer with drop forged head to insure long life.

Number	Head Weight	Overall
H-8	8 oz.	13"
H-12	12 oz.	14"
H-16	16 oz.	14½"
H-20	20 oz.	15"
H-24	24 oz.	16"
H-32	32 oz.	16"
H-48	48 oz.	16"

GASKET HAMMERS

Necessary for work on gaskets where light, controlled contact is required.

Number	Head Ounces	Size	Overall
H-2	2	7/0	10"
H-3	3½	6/0	11"

SOFT FACE HAMMERS

New Britain Soft Face Hammers have a tough, molded plastic, replaceable head. This type Hammer is particularly useful in body and fender work.

Number	Head Ounces	Tip Diameter
H-75	5	1⅜"
H-76	8	1"
H-77	12	1¾"
H-78	38	2"

TIPS FOR SOFT FACE HAMMERS

Number	
H-75T	Tip for Hammer No. H-75
H-76T	Tip for Hammer No. H-76
H-77T	Tip for Hammer No. H-77
H-78T	Tip for Hammer No. H-78

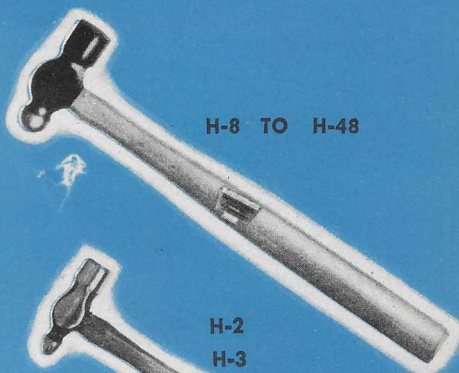
STEEL AND RUBBER HAMMER

Number	Length
R-300	14"
R-301	Extra Rubber Heads

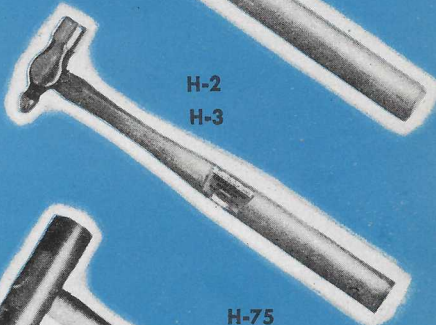
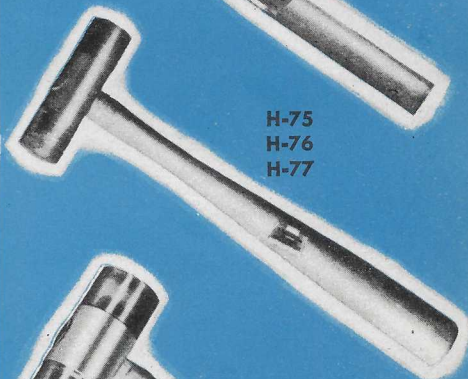
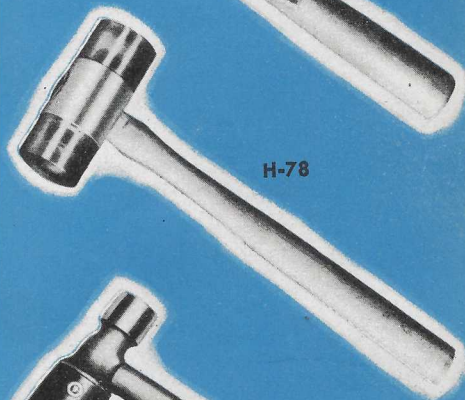
TIRE HAMMER

For removing tires from wire, disc wheels, and solid rims. No sharp corners. The eye of the Hammer is made for firm anchorage of the head on the handle.

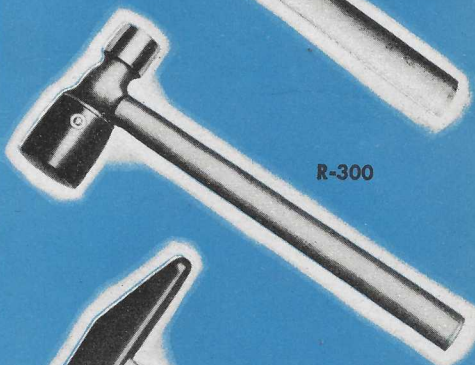
Number	Length
NR-191	13¼"

Hammers Misc.

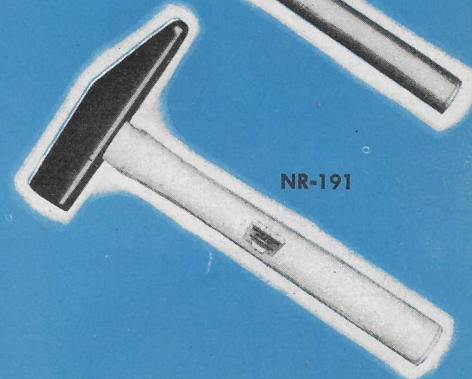
H-8 TO H-48

H-2
H-3H-75
H-76
H-77

H-78



R-300



NR-191

New Britain

BODY TOOL EQUIPMENT

Ever-changing bodies require new Tools for accurate work. The professional mechanic appreciates new designs in this Line as soon as he feels their balance. The new angles on the Hammer faces fit the new bodies and permit accurate and speedy work.

FINISHING HAMMER

Here's just the right Hammer for high crowned fenders and other hard-to-get-at places where a long reaching pein is useful.

Number	Ounces	Head	Face Diam.	Handle
H-55	15	8"	1 3/4"	12"

CURVED FINISHING HAMMER

A long reach metal finishing Hammer with a lead pencil size point for use in driving up small dents in low crown and flat panels. Permits reaching over braces and inner construction inside the bodies. Will also reach into such places as the edge of a roof rail panel and in behind reinforcements.

Number	Rd. Face	Point	Length Head Pointed End	Head Length
H-80	1 3/8"	1/32" radius	5 3/4"	8"

FINISHING HAMMER

Another very popular Hammer because of the medium long point for working under fenders. For finishing work, it has a highly polished face, 1 5/8" in diameter.

Number	Ounces	Head	Rd. Face	Handle
H-58	9	6 3/4"	1 5/8"	11 1/2"

SPECIAL BUMPING HAMMER

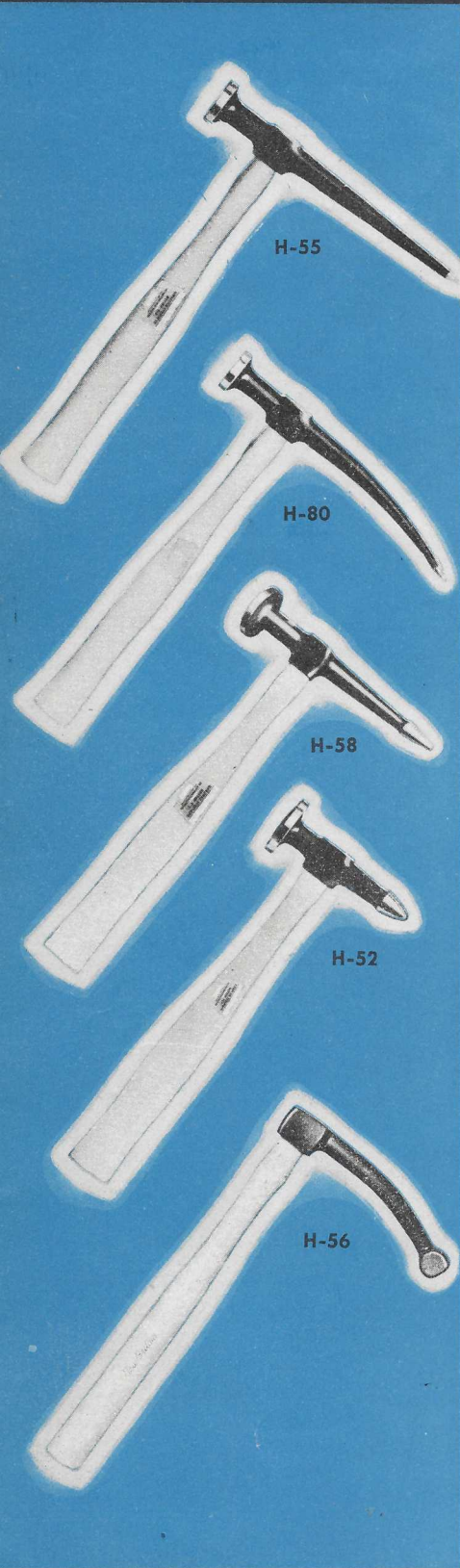
The small pein and flat polished head of this Hammer makes it a fine combination tool for driving up small dents and smoothing.

Number	Ounces	Head	Rd. Face	Point Radius	Length Pointed End
H-52	7	4"	1 3/16"	5/32"	7 1/16"

FENDER BUMPER

Designed especially for rough-out work. This Fender Bumper reaches underneath fenders without removing wheels.

Number	Lbs.	Head	Diam. of Face	Length Overall
H-56	1 1/2"	8 1/2"	1 5/16"	14"



BODY TOOL EQUIPMENT**BUMPING HAMMER**

This sturdy 14 oz. Bumping Hammer is ideal for real tough jobs, because the weight of the head is equally distributed.

Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall
H-50	14	5"	15/8"	1 1/2"	11 1/4"

LIGHT BUMPING HAMMER

For work on late model cars which have fenders of lighter weight steel, this Light Bumping Hammer is faster and safer.

Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall
H-51	9	3 1/2"	1 1/4"	1"	11"

DINGING HAMMER

A strong Hammer built to withstand the severe usage encountered in general bumping and dinging, including the high crown panels where heavier blows are necessary. The long head permits dinging over the obstructions where the shorter Hammers cannot reach.

Number	Head Ounces	Rd. Faces	Head Length
H-53	13	1 1/4" and 1 3/4"	6"

DINGING HAMMER

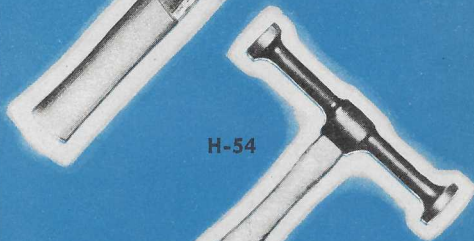
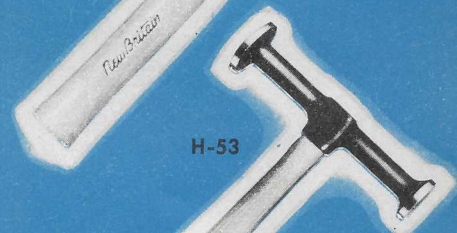
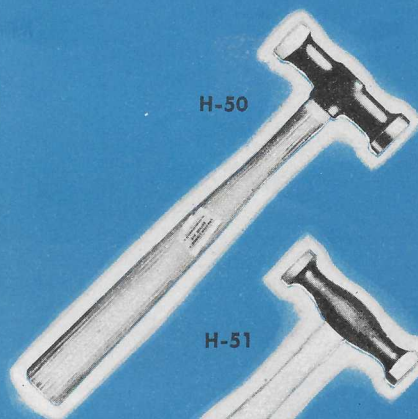
A perfectly balanced Hammer for light dinging in places where long reach is necessary. One square face permits dinging in next to the corner of a moulding or beading.

Number	Head Ounces	Rd. Face	Sq. Face	Head Length
H-54	13	1 5/8"	1 1/4"	6"

TRIMMER'S HAMMER

Approved by trimmers employed in the auto body factories and service shops. Perfectly balanced head. Excellent for use in trimming or upholstering auto bodies. Has magnetic pick-up feature.

Number	Weight of Head
H-79	10 oz.



New Britain

DROP FORGED DOLLY BLOCKS

These New Britain Dolly Blocks are Drop Forged, selected from steel having extreme strength and ductility and are easy on the Hammer. Ground with extreme care, finished and oil polished, for a smooth, perfect surface.

TOE DOLLY BLOCK

This Dolly is very adaptable because of its thinness and length. It also has a large, perfectly flat face which is very useful in dinging lower hood quarters and other flat panels.

Number	Length	Width	Thickness
DB-5	4 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	1 $\frac{1}{16}$ "

BAR DOLLY BLOCK

Fits contours of latest models. The angle between the large low crown face and the sides is less than 90°. This important feature permits dinging in the farthest recesses of a flanged edge.

Number	Length	Width	Thickness
DB-7	4"	2 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "

GENERAL PURPOSE DOLLY BLOCK

Has several differently crowned working faces and two flanging and beading lips.

Number	Length	Width	Thickness
DB-8	2 $\frac{3}{4}$ "	3"	2 $\frac{1}{4}$ "

WEDGE DOLLY BLOCK

A favorite among many body repairmen for all-round use. Has a long, thin lip which is very useful in behind reinforcements.

Number	Length	Width	Thickness
DB-9	5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{7}{8}$ "

BODY DOLLY BLOCK

The shape of the Block and its curved surfaces are such that they will take care of many late model body jobs. Each Block is carefully gauged after it is polished to insure correct radii of the curves.

Number	Length	Width	Thickness
DB-11	4 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "

FENDER DOLLY BLOCK

Especially useful on those extra heavy gauge truck and passenger car fenders which resist the blows of lighter Dollies. Fits the hand comfortably so that the fingers are protected from injury.

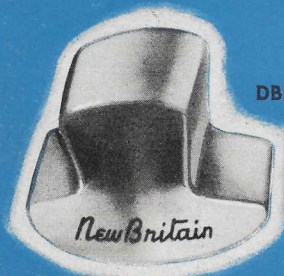
Number	Length	Width
DB-10	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "



DB-5



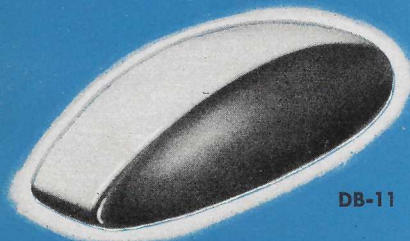
DB-7



DB-8



DB-9



DB-11



DB-10

HEEL DOLLY BLOCK

The design of this Dolly makes it very adaptable in corners and wide radii.

Number	Length	Width	Thickness
DB-6	31/8"	23/8"	17/16"

SPOON DOLLY BLOCK

A Dolly Block with a detachable extension handle for use in places that cannot be reached with the hand. Has great strength and can be used as a forming and calking Tool in the extreme lower sections of cowls, doors, quarter-panels, and lower trunk panels.

Number	Length	Face
DB-13	17"	5 1/2" x 2 1/2" x 1 7/8"

BODY CUTTING CHISELS

Whenever you need a long reach Chisel, you will find this new design to be without equal. For body work it has the ability to get in tight places due to its special beveled offset edge, and it will cut through body steel, rivets, or wood with equal success.

Number	Size of Stock	Width of Blade	Length Overall
910	1 1/2"	1 1/2"	10"
912	5/8"	5/8"	10"
914	3/4"	3/4"	10"

GENERAL PURPOSE SPOONS

These New Britain Spoons are hammer forged from alloy spring steel, correctly tempered and working faces ground and full polished.

WIDE BLADE SPOON

Useful for all around work. Slightly crowned face which is ground and full polished.

Number	Width Blade	Length Blade	Overall
SP-5	2"	7"	10 1/2"

DOOR AND PANEL SPOON

This Spoon will also be found very useful for doors and side panels, especially in close quarters.

Number	Width Blade	Length Blade	Diam. Hdle.
SP-7	1 3/4"	5 1/2"	7/8"

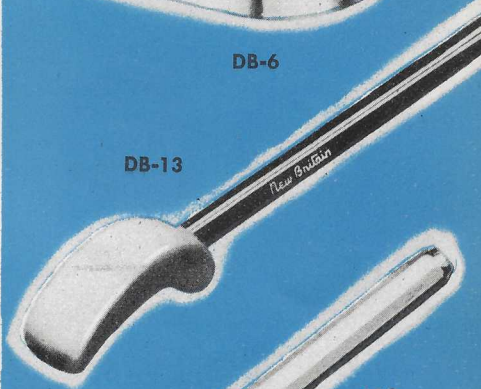
LONG TURRET TOP SPOON

This is a strong rugged Tool built to withstand severe usage. Can be used for driving, as a pry, or as offset dolly for dinging. End of blade has medium calking face.

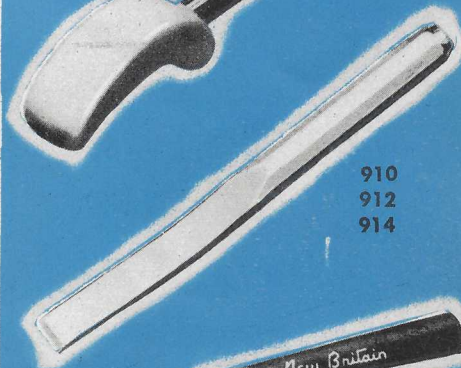
Number	Face	Handle	Overall
SP-11	1 7/8" x 5 1/4" x 3/16"	1 1/8"	10"



DB-6



DB-13



910

912

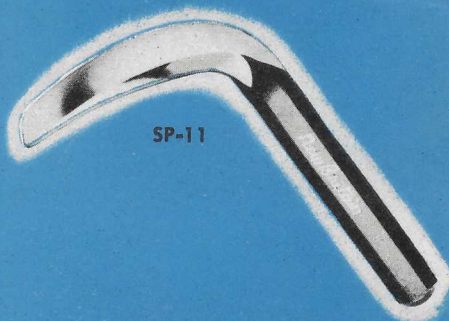
914



SP-5



SP-7



SP-11

New Britain

BODY TOOL EQUIPMENT

BODY & FENDER REPAIR TOOL SET

Contains the essential Tools for body and fender repair work that the average shop will be called upon to straighten out.

X-283	File Holder	H-54	Dinging Hammer
X-293	Half Circle File	H-80	Finishing Hammer
DB-5	Toe Dolly Block	NR-192	Rubber Mallet
DB-6	Heel Dolly Block	SP-5	Wide Blade Spoon
DB-8	Gen. Purpose Dolly Block	SP-11	Long Turret Top Spoon
H-50	Bumping Hammer	14521	Metal Box 17" x 9" x 4"

Number
311 11 Pc. Set

MEDIUM CALKING IRON

Has rounded working face for use inside mouldings. Will reshape any damaged moulding or flange.

Number	Face Radius	Overall Length
SP-13	1 3/4" x 1 1/8"	7"

FENDER FLANGE PLIERS

For clamping a broken fender flange while welding. Also used for holding reinforcements or new panels in place until tack welded.

Number	Overall Length
SP-15	11"

SOLID BODY FILE HOLDER

(Made from selected Maple)

Holds the File securely without undue flexing which sometimes causes breakage. Because the File rests against a wooden support, it does not have a dulling effect on the curved teeth.

Number	Length
285	14 1/2"

COMBINATION FILE HOLDER

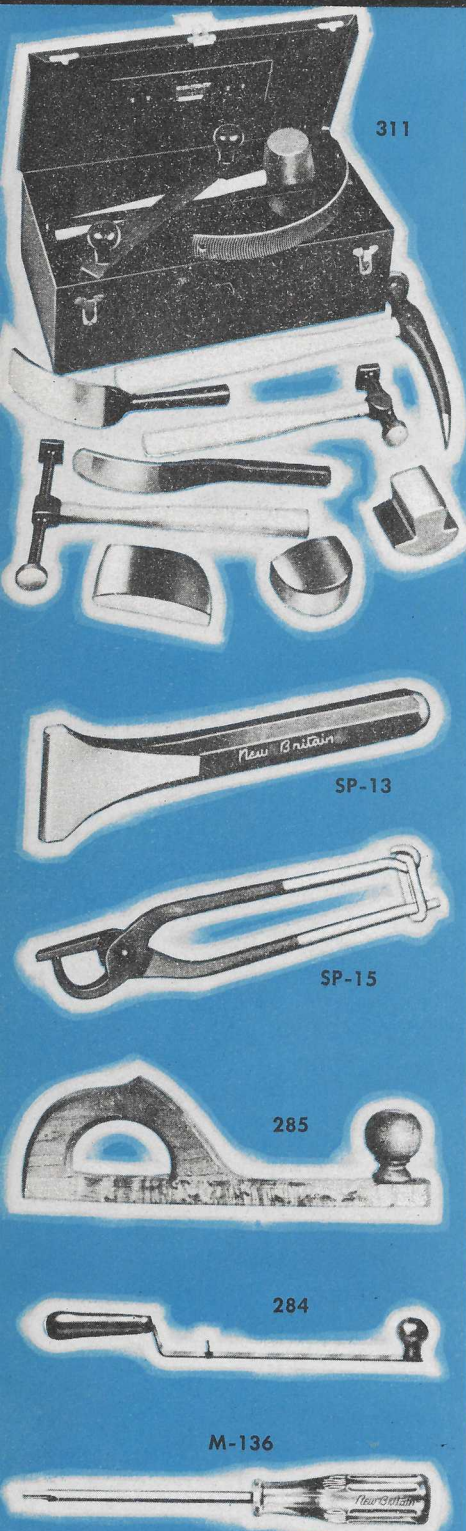
Will take either 12" or 14" body Files. Made of heavy steel which will stand up under severe use.

Number	Length
284	17"

UPHOLSTERY SCREW DRIVER

The only way to remove the upholstery screws safely from Chevrolets and some other types is with this special, plastic handle Screw Driver to fit the figure "8" type screws.

Number	Length Overall	Width of Tip	Size Blade
M-136	8 3/4"	1/4"	4 1/2"



*New Britain***Hacksaw Blades & Frames****NEW BRITAIN HIGH SPEED HACK SAW BLADES**

A Molybdenum Alloy Blade which will out-perform anything you have ever used before. It is especially designed for automotive work where "Moly" has earned its reputation as the finest cutting combination known for modern requirements. Use it with confidence for cutting nickel, high carbon steel and other tough alloys. Its wearing and cutting qualities will prove it to be the most economical Blade to use for every purpose.

Number	Length	Width	Thickness	Teeth	
				Per Inch	
MO-1018	10"	1 1/2"	.025	18	
MO-1024	10"	1 1/2"	.025	24	
MO-1032	10"	1 1/2"	.025	32	
MO-1218	12"	1 1/2"	.025	18	
MO-1224	12"	1 1/2"	.025	24	
MO-1232	12"	1 1/2"	.025	32	

NEW BRITAIN FLEXIBLE HACK SAW BLADES

Where cutting is to be done on surfaces which are not extremely hard and where the possibility of flexing occurs, it is sometimes advisable to use the less expensive Tungsten Alloy Blade. It is especially good for cutting at difficult angles and for ordinary work around the shop.

Number	Length	Width	Thickness	Teeth	
				Per Inch	
TS-1018	10"	1 1/2"	.025	18	
TS-1024	10"	1 1/2"	.025	24	
TS-1032	10"	1 1/2"	.025	32	
TS-1218	12"	1 1/2"	.025	18	
TS-1224	12"	1 1/2"	.025	24	
TS-1232	12"	1 1/2"	.025	32	

LOW ANGLE HACK SAW FRAME

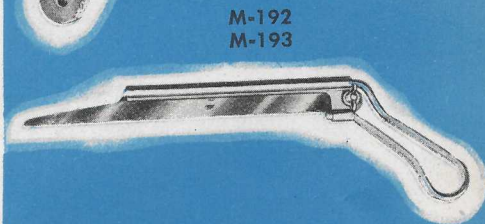
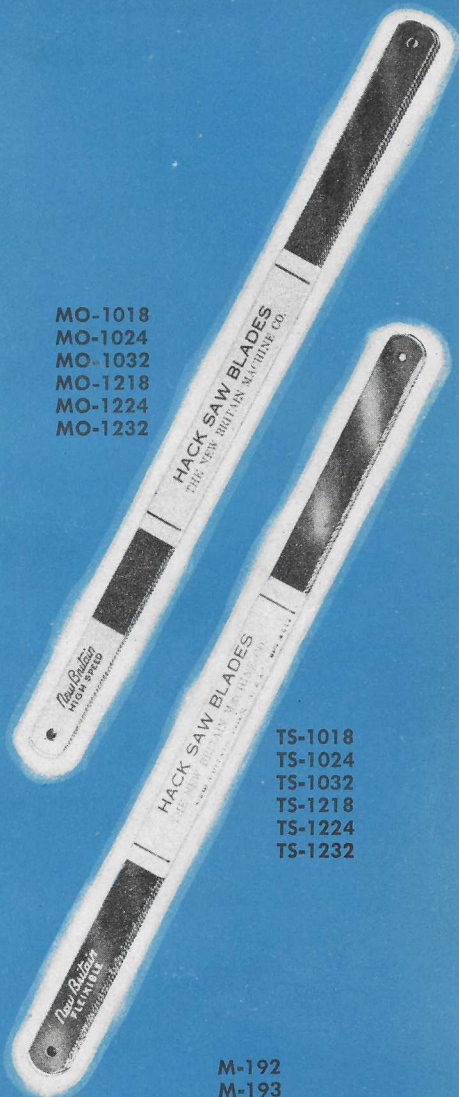
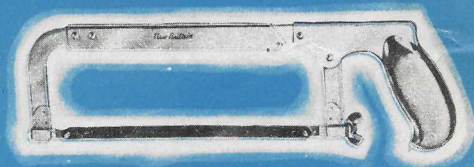
For countless jobs around the shop such as heater installations, this Saw is invaluable. It comes equipped with a wavaset 10" blade.

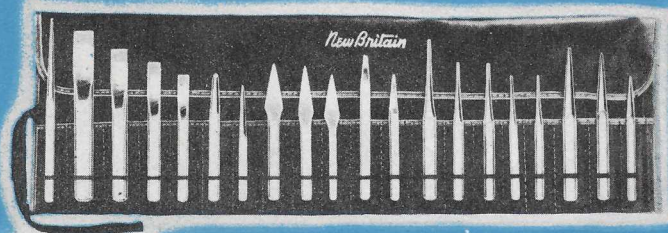
Number	Length
M-192	13"
M-193	Extra Blade

ADJUSTABLE HACK SAW FRAME

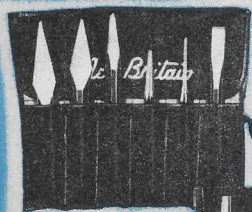
Equipped with steel pistol grip and solid frame which insures against breakage of high speed blades.

Number	Length
HSF-12	14 1/2"

**HSF-12**



320



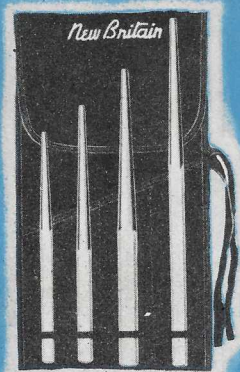
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305



304C



304



N-4921

935
936

CHISEL SETS

There is no better assortment of Punches and Chisels than those contained in the following sets.

925 Hand Cold Chisel	952 Prick Punch
926 Hand Cold Chisel	955 Pin Punch
927 Hand Cold Chisel	956 Pin Punch
928 Hand Cold Chisel	957 Pin Punch
940 Cape Chisel	958 Pin Punch
941 Cape Chisel	959 Pin Punch
942 Round Nose Chisel	970 Hand Punch
945 Diamond Pt. Chisel	971 Hand Punch
946 Diamond Pt. Chisel	972 Hand Punch
950 Center Punch	963 Long Taper Punch

Leatherette Roll

Number
320

925 Hand Cold Chisel	945 Diamond Pt. Chisel
940 Cape Chisel	949 Center Punch
942 Round Nose Chisel	955 Pin Punch

Leatherette Roll

Number
306

955 Pin Punch	958 Pin Punch
956 Pin Punch	959 Pin Punch
957 Pin Punch	Leatherette Roll

Number
305

963 Long Taper Punch	965 Long Taper Punch
964 Long Taper Punch	968 Lining Up Punch

Leatherette Roll

Number
304

925 Hand Cold Chisel	927 Hand Cold Chisel
926 Hand Cold Chisel	928 Hand Cold Chisel

Leatherette Roll

Number
304C

PINCH BARS

For prying, alignment work, and many other purposes. One end has a long, sharp pointed taper and the other end a sharp, curved leverage blade.

Number	Size Stock	Length
935	1/2"	14"
936	5/8"	16"

PRY BAR

Invaluable in removing bushings, bearings, grease cups, grease retainers, ball races and lifting cylinder heads. Can also be used as a lining up punch.

Number	Size Stock	Length	Head
N-4921	1/2"	16"	1 7/8"

CHISELS & PUNCHES

Tools designed to "take it." Every New Britain Chisel is carefully heat treated to insure against either being too hard or too soft. All of these Tools can be resharpened. Great care has been taken in designing the cutting edge so that it will remain sharp under heavy wear, and care should be taken in redressing.

LONG COLD CHISEL

Number	Size Stock	Bit Width	Length
931	3/4"	7/8"	14"

HAND COLD CHISEL

Number	Size Stock	Bit Width	Length
925	3/8"	7/16"	5 1/2"
926	1/2"	5/8"	6 1/4"
927	5/8"	3/4"	7"
928	7/8"	1"	8"

CAPE CHISEL

Number	Size Stock	Bit Width	Length
940	1/2"	1/4"	6 1/4"
941	5/8"	3/8"	7"

ROUND NOSE CHISEL

Number	Size Stock	Bit Width	Length
942	1/2"	1/4"	6 1/4"

DIAMOND POINT CHISEL

Number	Size Stock	Bit Width	Length
945	1/2"	1/4"	6 1/4"
946	5/8"	3/8"	7"

CENTER PUNCH

Number	Size Stock	Length
949	3/8"	5"
950	1/2"	5 1/2"

PRICK PUNCH

Number	Size Stock	Length
952	3/8"	5"

PIN PUNCH

Number	Pt. Diam.	Size Stock	Length
955	1/8"	3/8"	5 3/4"
956	5/32"	3/8"	5 3/4"
957	3/16"	1/2"	6 1/4"
958	1/4"	5/8"	7"
959	5/16"	3/4"	7 1/2"

HAND PUNCH

Number	Pt. Diam.	Size Stock	Length
970	1/8"	3/8"	5 1/2"
971	1/8"	1/2"	6 1/4"
972	3/16"	5/8"	7"

LONG TAPER PUNCH

Number	Pt. Diam.	Size Stock	Length
963	5/32"	3/8"	8"
964	3/16"	1/2"	9"
965	1/4"	5/8"	10 1/2"

LINING UP PUNCH

Number	Pt. Diam.	Size Stock	Length
968	1/4"	1/2"	12"

RIVET BUSTER

Number	Size Stock	Bit Width	Length
220	3/4"	5/8"	12"

931

925

926

927

928

940

941

942

945

946

949

950

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955 958

956 959

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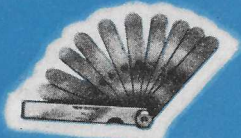
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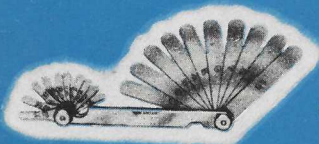
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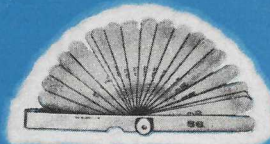
FG-1



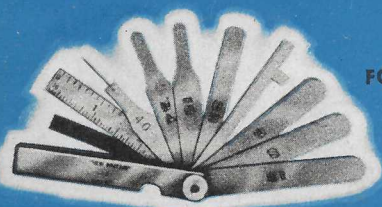
FG-2



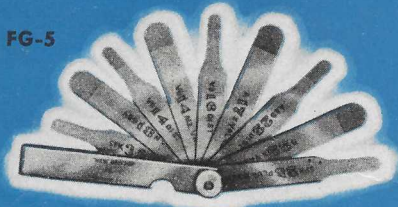
FG-3



FG-4



FG-5



FG-6



FG-7



New Britain

FEELER GAUGES

New Britain Feeler Gauges include every size and type for accurate work on spark plug gaps, distributor and ignition points and tappet adjustments. They are manufactured from the finest quality Swedish Steel to guarantee continued accuracy.

STANDARD FEELER GAUGE

Contains 10 sizes $3\frac{3}{8}$ " long: — .002; .003; .004; .005; .006; .007; .008; .010; .012; .015. — 10 Units.

Number

FG-1

COMBINATION VALVE AND IGNITION FEELER GAUGE

Contains 10 blades $1\frac{1}{2}$ " long, 10 blades $3\frac{3}{8}$ " long: — short blades, .012; .013; .014; .018; .020; .022; .024; .025; .028; .032; — long blades, .002; .003; .004; .005; .006; .007; .008; .010; .013; .015. — 20 Units.

Number

FG-2

ALL PURPOSE FEELER GAUGE

Contains 25 blades $3\frac{3}{8}$ " long: — .0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032; .035. — 25 Units.

Number

FG-3

CHEVROLET FEELER GAUGE

Contains 7 blades $3\frac{3}{4}$ " long, 3" rule and float level gauge: — .006; .008; .013; .018; .024; .032; .040. — 9 Units.

Number

FG-4

FORD FEELER GAUGE

Contains 9 sizes $3\frac{3}{4}$ " long. Each blade has Go or No-Go feature: — .013 valve; .014 valve; .014 distributor; .016 distributor; .017 valve; .022 distributor; .022 valve; .025 plug; .035 plug. — 9 Units.

Number

FG-5

SPARK PLUG SPECIAL WIRE GAUGE

A new development for precision spacing of spark plug gaps. 8 wire gauges $1\frac{3}{4}$ " long: — .022; .025; .027; .028; .030; .032; .035; .040. The ends of wires are turned at an angle to set electrodes below the shell. — 8 Units.

Number

FG-6

IGNITION FEELER GAUGE

Narrow short blades for ignition distributor points and spark plugs; 10 sizes $1\frac{1}{2}$ " long: — .012; .013; .014; .018; .020; .022; .025; .028; .032; .035. — 10 Units.

Number

FG-7

*New Britain***BRAKE ADJUSTING FEELER GAUGE**

For correct tolerance between brake and shoe. 9 sizes 4" long: — .006; .008; .010; .012; .015; .018; .020; .022; .032. — 9 Units.

Number
FG-8

PISTON FEELER GAUGE

Contains 8 sizes, 9" long: — .002; .003; .004; .005; .006; .008; .010; .015. — 8 Units.

Number
FG-9

FEELER GAUGE BLADES

The same permanently accurate Swedish Steel that is used in all New Britain Feeler Gauges is used in these blades. The 12" Strips in various thicknesses are intended for use with the FG-10 and FG-11 Feeler Gauge Stock Holders. A hole is drilled in the end of each blade. To assemble a set, fasten together with a nut and bolt.

Number	Size
FB-0015	.0015
FB-002	.002
FB-003	.003
FB-004	.004
FB-005	.005
FB-006	.006
FB-007	.007
FB-008	.008
FB-009	.009
FB-010	.010
FB-011	.011
FB-012	.012
FB-013	.013
FB-014	.014
FB-015	.015

SINGLE END FEELER GAUGE HOLDERS

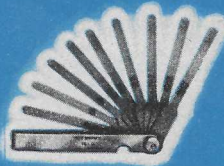
Unless you have used one of these mechanic-designed Holders, you will not appreciate their economy and convenience. The Feeler Gauge can be instantly inserted and changed.

Number	Length
FG-10	4½"

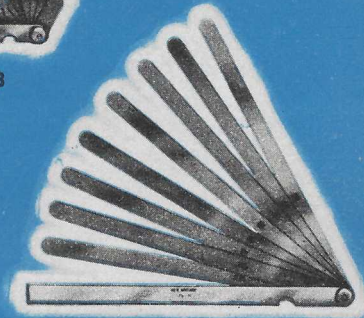
DOUBLE END FEELER GAUGE HOLDERS

For speedy work it is often advantageous to use Double End Gauge Holders. These have been developed as a result of demands from mechanics for a tool to be used with Feeler Gauge Strip Stock.

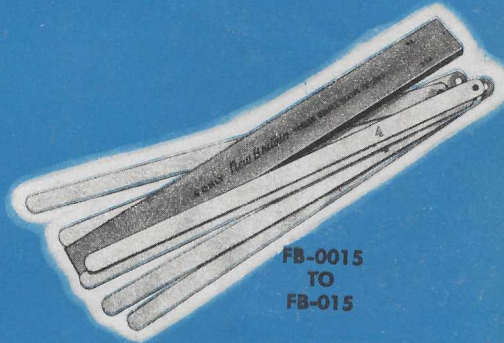
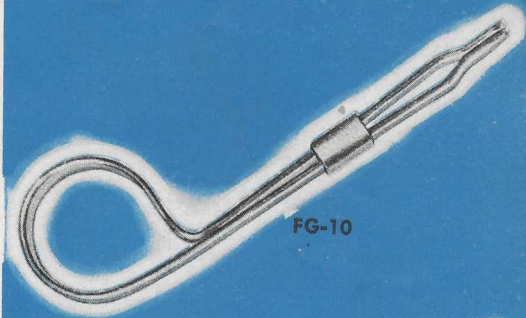
Number	Length
FG-11	10"

Feeler Gauges

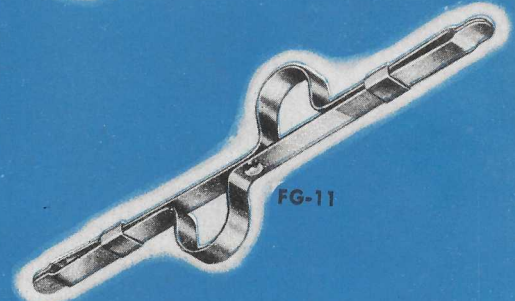
FG-8



FG-9

FB-0015
TO
FB-015

FG-10



FG-11

New Britain

MIDGET IGNITION TOOLS

New Britain Ignition Tools are of perfect balance and designed for delicate work on magnetos, generators, carburetors, electrical parts — wherever fine work is important. Unconditionally guaranteed.

MIDGET BOX END WRENCHES

Part No.	Openings	Length
E-356	$\frac{3}{16}$ " x $1\frac{13}{64}$ "	3"
E-358	$\frac{7}{32}$ " x $1\frac{5}{64}$ "	3"
E-360	$\frac{1}{4}$ " x $\frac{9}{32}$ "	$3\frac{3}{4}$ "
E-362	$\frac{5}{16}$ " x $1\frac{11}{32}$ "	$3\frac{3}{4}$ "

IGNITION OPEN END WRENCHES

Every Wrench has the correct angle to perfectly fit the nuts for which it is engineered.

Number	System	Opening Size		Length
		15° Angle	60° Angle	
E-114	Auto-Lite	$1\frac{3}{64}$ "	$1\frac{5}{64}$ "	3"
E-116	Delco	$\frac{7}{32}$ "	$\frac{1}{4}$ "	3"
E-118	Bosch	$1\frac{5}{64}$ "	$1\frac{3}{64}$ "	3"
E-120	Remy	$\frac{1}{4}$ "	$\frac{7}{32}$ "	3"
E-122	Eisemann	$1\frac{7}{64}$ "	$1\frac{9}{64}$ "	3"
E-124	Eisemann	$\frac{9}{32}$ "	$\frac{5}{16}$ "	$3\frac{1}{2}$ "
E-126	Eisemann	$1\frac{9}{64}$ "	$1\frac{7}{64}$ "	$3\frac{1}{2}$ "
E-128	Remy	$\frac{5}{16}$ "	$\frac{9}{32}$ "	$3\frac{1}{2}$ "
E-130	Ger. Bosch	$1\frac{11}{32}$ "	$\frac{3}{8}$ "	$3\frac{3}{4}$ "
E-132	General	$\frac{3}{8}$ "	$1\frac{1}{32}$ "	$3\frac{3}{4}$ "
E-134	General	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$4\frac{1}{2}$ "
E-136	General	$\frac{1}{2}$ "	$\frac{7}{16}$ "	$4\frac{1}{2}$ "

IGNITION OPEN END WRENCH SET

As illustrated. This Set consists of ten of the 12 wrenches itemized above (all save Nos. E-126 and E-136).

Number	
E-10	10 Pc. Set

IGNITION PLIERS

A midget Plier that is intended for heavy work. The exclusive design guarantees a solid grip on any small nut. Three adjustments with a $\frac{1}{2}$ " range.

Number	Size
P-36	5"

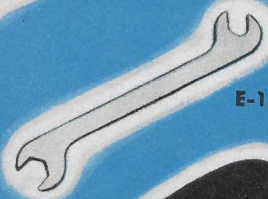
BATTERY TERMINAL PULLER

Just twist the handle—the jaws clamp tight and lift even badly corroded terminals with no harm to the battery.

Number	
P-135	



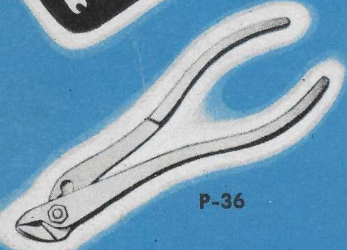
E-356 to E-362



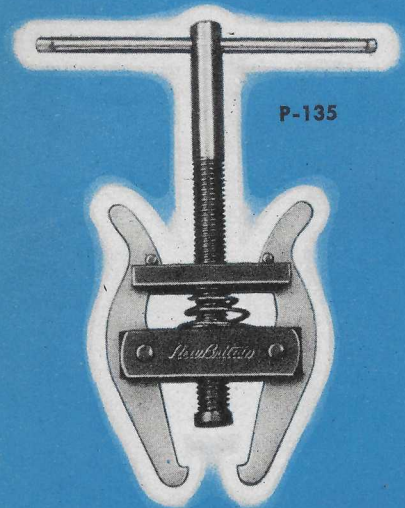
E-114 to E-136



E-10



P-36



P-135

SPECIAL BATTERY TOOLS

BATTERY PLIERS

Designed expressly for battery and installation work. Grips the nuts firmly. Note the offset jaws which provide knuckle clearance.

Number	Size	Finish	Capacity
P-40	8"	Nickel	1"

BATTERY LIFTERS

Its unique construction guarantees a firm grip automatically on any terminal post whether new or old. The strap is resistant to battery acids and it will give long and satisfactory service. The short Lifter is for the standard batteries in use on most cars. The long size is for the new 20" battery.

Number	
M-180	Short Battery Lifter
M-182	Long Battery Lifter

SPARK PLUG SPECIAL WIRE GAUGE

A new development for precision spacing of spark plug gaps. 8 wire gauges 1 3/4" long: — .022; .025; .027; .028; .030; .032; .035; .040. The ends of wires are turned at an angle to set electrodes below the shell. — 8 Units.

Number
FG-6

IGNITION FEELER GAUGE

Narrow short blades for ignition distributor points and spark plugs; 10 sizes 1 1/2" long: — .012; .013; .014; .018; .020; .022; .025; .028; .032; .035. — 10 Units.

Number
FG-7

IGNITION POINT FILE

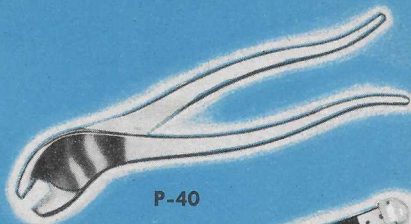
Especially double cut for all types of ignition points. Equipped with a pocket clip.

Number	Length
F-202	5 1/2"

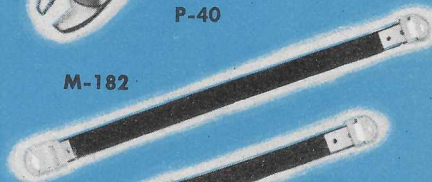
IGNITION POINT FILE DISPLAY

Every garage needs one of these cards. Nothing takes the place of these handy Files and they sell on sight. Absolutely guaranteed to file platinum or tungsten points.

Number	Size
F-201	5 1/2" x 9"



P-40



M-180



M-180



FG-6



FG-7



F-202



F-201

New Britain

PISTON AND RING SERVICE TOOLS

PISTON RING GROOVE CLEANER

Makes an easy job out of one that was formerly tedious and often injurious to the piston. A durable compensating spring controls pressure on the Cutter. Blades are sized $\frac{3}{32}$ " ; $\frac{1}{8}$ " ; $\frac{5}{32}$ " ; $\frac{3}{16}$ ". Will fit all pistons up to 6" diameter. Complete with Cutter.

Number	Length
P-201	11 $\frac{1}{2}$ "

PISTON LAND REDUCING TOOL

Because Aluminum Pistons invariably "grow" under heavy use, this Tool has been created to efficiently and accurately reduce the diameter to give the proper clearance and ring action. Fits all pistons up to 6" diameter.

Number	Length
P-202	11 $\frac{1}{2}$ "

CHAMFERING AND DRILLING TOOL

A scientifically designed Chamfering Tool which will successfully operate on all types of pistons. It cuts an exact 45° chamfer or bevel on the bottom edge of the oil ring groove. Use the drill jig for piloting a $\frac{3}{32}$ " drill so that the chamfer can be drilled without center punching. The drill jig holds a drill at the correct angle for drilling Ford steel pistons in relieving excess oil. Everyone doing ring jobs on Fords needs this precision device.

Number	Length
P-203	11 $\frac{1}{2}$ "

COMPLETE PISTON RECONDITIONING KIT

For the mechanic who is interested in a complete set of Piston Service Tools here is the ideal arrangement. The one handle is interchangeable with a cleaner, cutter, land cutter and a chamfering cutter, and the invaluable drill jig is furnished to make the set wholly complete.

P-555	Bent Bar drilled and tapped
P-555C	Groove Cleaner Cutter
P-555SH	Sliding Head Assembly
P-556C	Land Reducing Cutter
P-557C	Chamfering Cutter
P-557D	Drill Jig with screws

Number
P-207

PISTON FEELER GAUGE

Contains 8 sizes, 9" long:—.002; .003; .004; .005; .006; .008; .010; .015 — 8 Units.

Number
FG-9

P-201

P-202

P-203

P-207

FG-9

New Britain

PISTON AND PIN SERVICE TOOLS

RATCHET PISTON RING COMPRESSOR

Built in proportion with the heavy spring steel durable enough to handle the stiffest piston rings. Compresses rings evenly without breakage. Capacity 2½" to 5".

Number
P-300

TRUCK AND DIESEL SIZE COMPRESSOR

Has unbelievable strength and compression power. Use it for pistons with diameters from 3½" to 6½".

Number
P-350

FORD PISTON PIN INSERTER AND REMOVER

To secure perfect alignment of the piston pin you require a Tool with a long pilot such as these New Britain Piston Pin Inserters. They work easily and you can drive the piston pin without any fear of damage. Replacing pins is as simple as inserting them and the only precaution is to see that the piston is heated before driving the pin in place. No. R-835 is for Ford A and AA, B and BB; No. R-837 for Ford V-8 Cars and Trucks except 60 H. P. and Mercury Cars.

Number
R-835
R-837

STANDARD PISTON RING COMPRESSOR

Has bead along bottom which prevents Compressor from entering the cylinder with the piston. Adjustable brake which can be tightened down for almost any job. Capacity 2½" to 5".

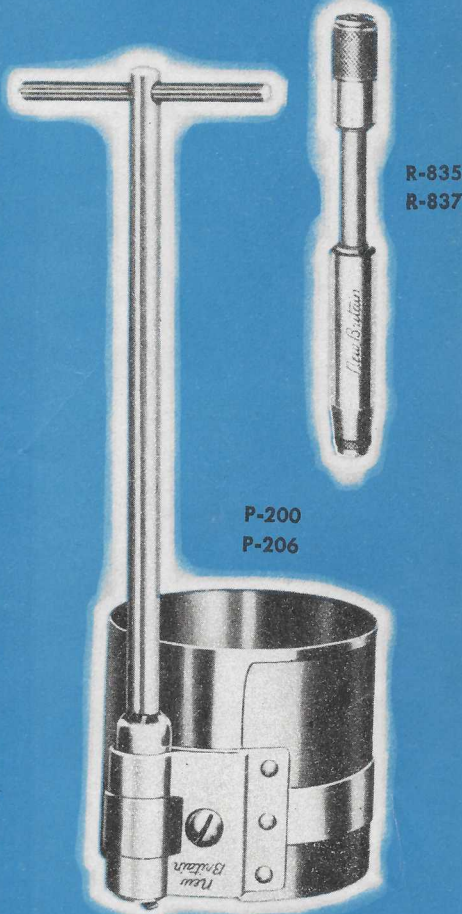
Number
P-200

TRUCK AND TRACTOR SIZE COMPRESSOR

Made on the same principle as the No. P-200 and will handle truck and tractor diameters from 3½" to 7".

Number
P-206

Piston Service Tools



New Britain

VALVE LIFTERS AND COMPRESSORS

STANDARD UNIVERSAL LIFTER

Has great appeal for mechanics because it will take care of almost every passenger car and truck that is on the road. The patented spring steel jaws are so constructed that they will not slip off. Because the tool employs the rack and pinion principle, it does not require any special adjustments. Will clear the exhaust, manifold, and other obstructions without necessitating their removal. It will work in restricted places and, using the special jaws which can be purchased with it, the correct instruments are available for almost every type of motor.

Complete with Straight Jaws and set of three Spring Holders.

Number	Size
VL-200	9 $\frac{3}{8}$ " x 11 $\frac{3}{8}$ "

EXTRA JAWS FOR NEW BRITAIN STANDARD UNIVERSAL LIFTER

Number	
VL-201	For most passenger cars, including Cadillac and Lincoln.
VL-202	Offset Jaws for GMC and Continental Motors.
VL-203	Special Offset Jaws for motors such as Dodge Six.
VL-205	For Plymouth, Dodge, Chrysler and Waukesha.

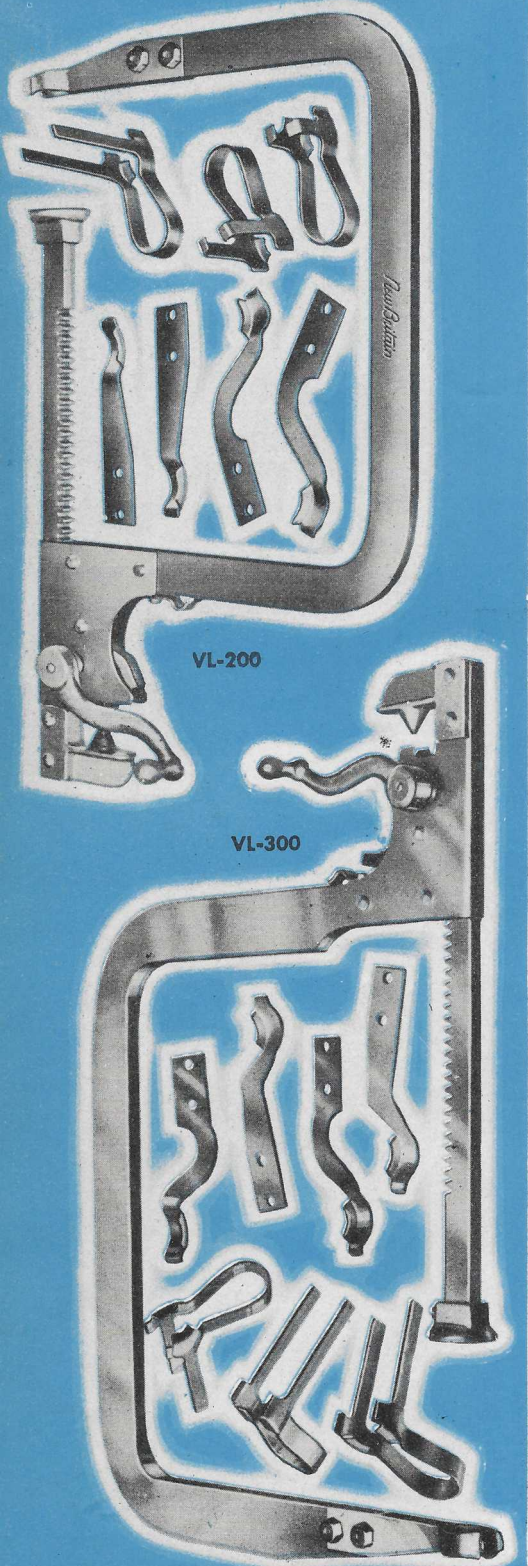
SPECIAL TRUCK AND TRACTOR LIFTER

For the extra large trucks, buses and the few tractors where the Standard Universal Lifter is not large enough to serve. This super-size lifter is 11" by 13" and it will take care of any of the jobs that you ever have to tackle. Complete with Straight Jaws and set of three Spring Holders.

Number	Size
VL-300	11" x 13"

ADDITIONAL VALVE TOOLS APPEAR ON THE FOLLOWING PAGES:

Ford Valve Micrometer Gauge (R-131)	Page No. 85
Ford Valve Guide Punches (F-194)	Page No. 85
Double End Valve Lifter for V-60 and V-85 (F-150)	Page No. 85
Valve Feeler Gauge (FG-2)	Page No. 46
Valve Reseating Tool (R-201)	Page No. 71
V-8 Valve Guide Lock Pulling Attachment (P-156)	Page No. 85
Valve Guide Cleaner (VGC-11, 12, & 13)	Page No. 67



New Britain

VALVE LIFTERS AND COMPRESSORS

"C" TYPE VALVE LIFTER

A practical Valve Spring Compressor for swift, efficient handling of stiffest valve springs. Handle positioned in "C" frame clears high fenders, hood and tie rods. Loose ring attachment on frame may be moved to hold tool locked in any desired position. Easily adjusts for any valve stem length. Slim, rugged jaws give maximum room to remove or replace valve keys. Inside depth of frame: 11½", inside width 8¼", with 10½" opening capacity using offset jaws. 11½" capacity using straight jaws. Allows enough clearance to use this unique Valve Lifter without removing manifold.

Number	Length
VL-140	14"

(Includes VL-141 and VL-142 Jaws. VL-143 are extra.)

EXTRA JAWS FOR VL-140

Number
VL-141 (Std.)
VL-142 (Offset)
VL-143 (Large)

"LITTLE HANDY" VALVE LIFTER

"Little Handy" Valve Lifter gets into tight corners and lifts stubborn springs with coil strength up to 300 lbs. — just twice the strength of any common spring you'll meet. Only 8½" long, but the screw-controlled jaws expand to 2⅞" and remain set in any position. Jaws adjust to various spring sizes and expand approximately parallel in vertical plane, lifting spring squarely and allowing easy replacement of valve stem keys.

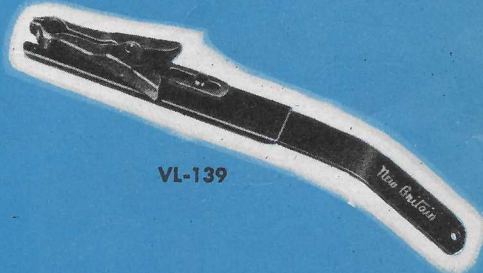
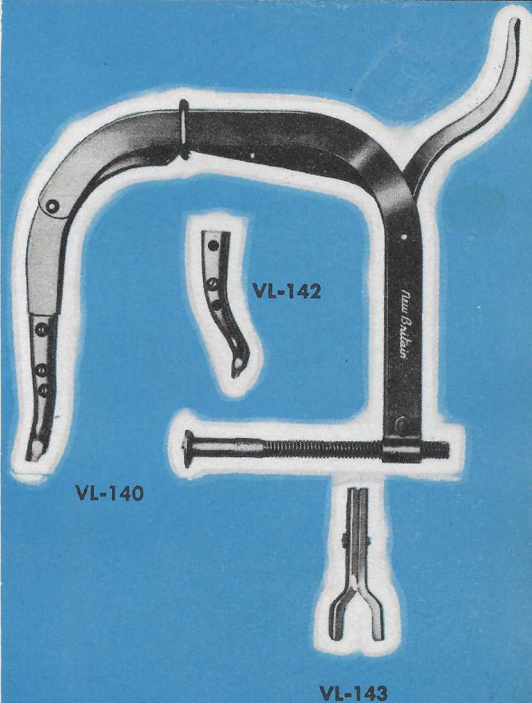
Number	Length
VL-151	8½"

SPLIT LOCK REPLACER

The perfect, compact Tool for replacing all split type valve keys on single and double-grooved valve stems and where the new convex locks are used. Requires a minimum of working space. Sliding base prevents keys dropping into motor. It's very simple to load. Designed for easy operation with VL-151 Valve Lifter or "C" Type Lifter with VL-141 straight jaws, or any good valve lifter.

Number	Length
VL-139	8"

Valve Service Tools



New Britain TRUCK RIM SET

A complete setup to take care of every truck rim nut on the road. Here is a combination which will produce a convenient and speedy assembly for any job. By using the ingenious Extension and Pry Bar it is possible to use New Britain $\frac{3}{4}$ " Drive Sockets. A complete Set for all rim work is listed below and, in addition to this purpose, all of the Sockets can be used with your regular $\frac{3}{4}$ " Drive Handles for any type of work on buses, tractors, etc.

Packed complete in convenient Tote Tray, 20" long x 10" wide. Set No. NR-510 contains the following items:

NH-1228	$\frac{7}{8}$ " 12 Pt. Socket	NH-1248	1 $\frac{1}{2}$ " 12 Pt. Socket
NH-1230	1 $\frac{1}{4}$ " 12 Pt. Socket	NR-93	1 $\frac{3}{16}$ " Square Socket
NH-1234	1 $\frac{1}{16}$ " 12 Pt. Socket	NR-172	Socket Extension, 16"
NH-1236	1 $\frac{1}{8}$ " 12 Pt. Socket	NR-164	Lock Ring Iron Pry Bar
NH-1238	1 $\frac{3}{16}$ " 12 Pt. Socket		
NH-1240	1 $\frac{1}{4}$ " 12 Pt. Socket		

Number
NR-510

BUDD WHEEL SOCKET

Designed for Budd Wheels and other systems where $\frac{13}{16}$ " Square Openings are required. Made only in $\frac{3}{4}$ " Square Drive to fit No. NR-172 Extension.

Number
NR-93

Opening
1 $\frac{3}{16}$ "

SPECIAL SOCKET EXTENSION

Specially forged from steel that has been carefully selected to produce maximum toughness. It can also be used in regular truck work with all sizes of $\frac{3}{4}$ " Drive Sockets.

Number
NR-172

Length
16"

LEVERAGE BAR

This Tool also serves as a Firestone Lock Ring Remover. It has been made so strong that it is the ideal Leverage Bar to be used with No. NR-172 plus Sockets to make up the Truck Rim Set.

Number
NR-164

Length
20"

SINGLE RIM WRENCHES

A rugged tire Tool that is favored by many who prefer to buy a set of these Wrenches instead of the four-way type.

Number
NR-20
NR-22
NR-24
NR-26
NR-28

Size
 $\frac{5}{8}$ " Socket
1 $\frac{1}{16}$ " Socket
 $\frac{3}{4}$ " Socket
1 $\frac{3}{16}$ " Socket
 $\frac{7}{8}$ " Socket

TUBE VALVE FISHING TOOL

A versatile, handy Tool that draws tube valve thru rim opening. Also cleans outside valve threads and taps inside threads. Removes or inserts valve cores.

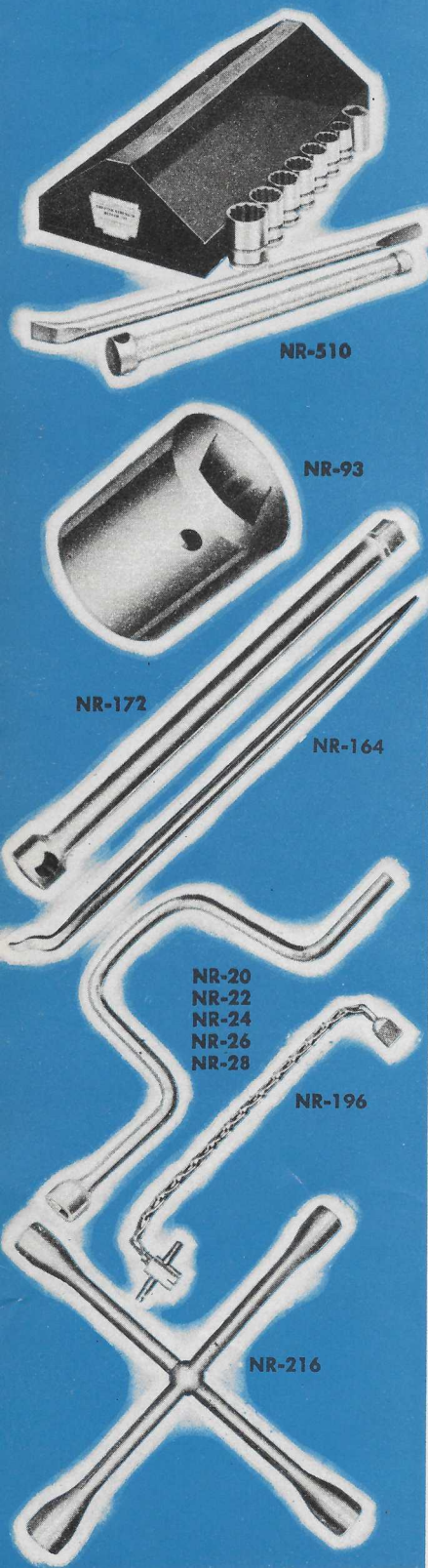
Number
NR-196

Length
13 $\frac{3}{4}$ "

FOUR-WAY RIM WRENCH

Number
NR-216

Length
16"



*New Britain***TIRE REMOVER TOOLS****HINGE TYPE RIM TOOL AND
LOCK RING REMOVER**

Two Tools in one. One end handles all hinge type rims—Clev-Weld, Firestone, Kelsey Hayes. The other end removes lock rings. Works equally well for truck lock rings and passenger car rims.

Number	Length
NR-184	19"

SPECIAL TIRE IRON

Considered by tire men the best Tire Iron ever made. Extra angle and exclusive contour of $1\frac{1}{16}$ " stock make it perform better than the ordinary tire iron.

Number	Length
NR-185	16"

"CURVED TYPE TIRE IRON

Curved to provide greater leverage and give greater hub clearance. Oval end, thin and wide.

Number	Length	Blade Width
NR-182	15"	$1\frac{1}{2}$ "

STRAIGHT FLAT TIRE IRON

Oval end, thin and wide. Will get at tires which are under-size for the rims without pinching the tube or rim.

Number	Length	Blade Width
NR-181	15"	$1\frac{1}{2}$ "

STEEL AND RUBBER HAMMER

Number	Length
R-300	14"
R-301 Extra Rubber Heads	

HAND TYPE TIRE SPREADER

For spreading beads of tire for inspecting and repairing inside of casing. Adjustable with revolving spools for easy operation. Will take care of sizes up to 6" truck tires.

Number	Length
NR-190	$17\frac{1}{4}$ "

RUBBER Mallet

High grade live rubber head molded on the handle which has corrugated ridges to doubly secure head on handle.

Number	Length
NR-192	15"

WIRE BRUSH

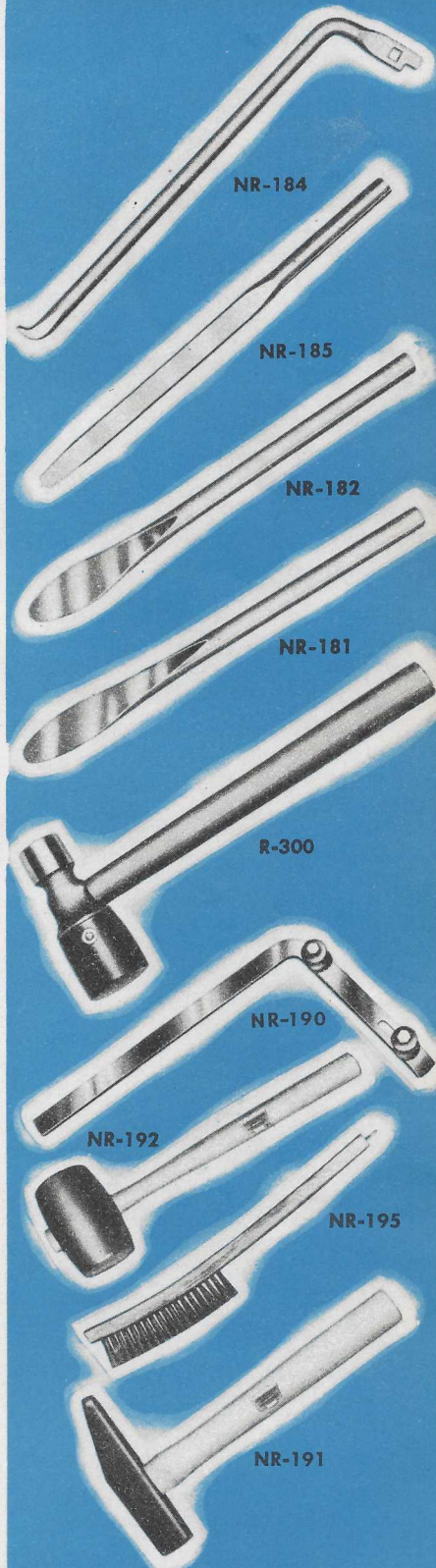
Ideal for cleaning rust and dirt from rims and wire wheels. Screw eye attached. Long curved handle protects user.

Number	Length
NR-195	14"

TIRE HAMMER

For removing tires from wire, disc wheels, and solid rims. No sharp corners. Eye anchors head firmly on handle.

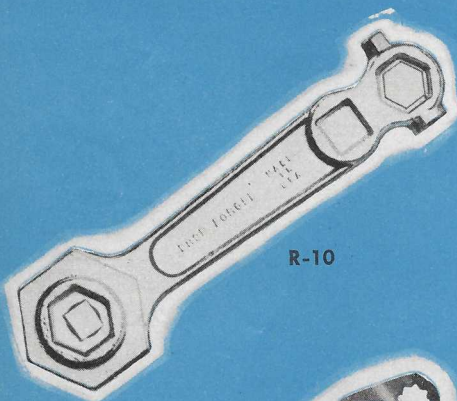
Number	Length
NR-191	$13\frac{1}{4}$ "



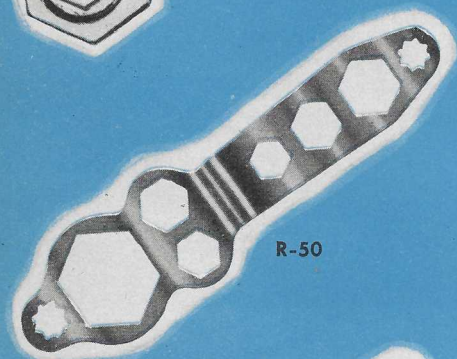
New Britain

SPECIALIZED LUBRICATION TOOLS

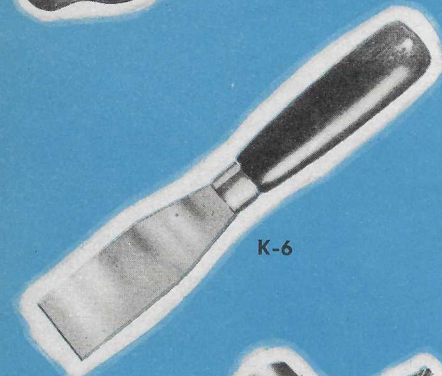
Lubrication Service is most profitable when it is done quickly and efficiently. New Britain offers these Specialized Tools which are sure to speed up work — and yet make it easier for you.



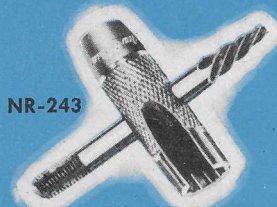
R-10



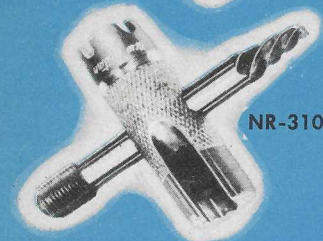
R-50



K-6



NR-243



NR-310

GENERAL DRAIN PLUG WRENCH

This versatile Wrench will fit just about any passenger car on the road—Ford, General Motors and Chrysler. It's drop-forged from tough steel to give dependable service without danger of sudden slips or breaks.

Number
R-10

Length
9"

UNIVERSAL DRAIN PLUG WRENCH

Will take care of most of the fittings served by the more expensive No. R-10. This tool is a stamping and will render good service for a reasonable length of time.

Number
R-50

Length
10"

DEGREASING KNIFE

Used widely by Lubrication men, but also borrowed by every mechanic in the shop because it speedily strips off grease from motors as well as chassis.

Number
K-6

Length
7"

GREASE FITTING TOOLS

Here are a pair of real time savers—each Tool fits either Alemite or Zerk fittings. The Tool compactly contains three necessary parts: A socket to safely remove tightest fittings without breakage—an Extractor to surely back out broken fittings—and a Tap to rethread damaged holes. One Tool completes the job from start to finish.

Number
NR-243
NR-310

Size
2 1/2"
3 1/2"

New Britain

OPEN END BRAKE WRENCHES

Here at last is a Tool that has been specially designed for the difficult purpose of working on all types of brakes where an Open End Wrench can possibly be used. It has the thinnest head and slimmest handle ever devised, yet it's sturdy and strong to do the job safely.

Number	Size	Length
HF-6	1/2" x 1/2"	6 1/4"
HF-8	9/16" x 9/16"	6 1/4"
HF-10	5/8" x 5/8"	6 1/4"
HF-12	1 1/16" x 1 1/16"	7 1/4"

BENDIX BRAKE TOOLS

Designed for service work on most types of Bendix Brakes. Special angle and shape of ends fits the job correctly — does away with makeshift tools, saves time and effort.

Number	Width of Blades	Length
M-104	1/2"	8"
M-105	1/2"	7 1/2"
M-106	1/2"	8"

UTILITY BRAKE WRENCH

This Wrench is especially valuable because it has a very thin blade. It gets in to make adjustments on many brakes where other tools will not reach.

Number	Size Blade	Length
M-107	1/2" wide	9"

BRAKE SPRING PLIERS, 9"

On close work, this 9" size will prove to be an invaluable addition to any brake tool set. These Pliers are big enough to tackle the toughest brake springs, yet small enough to stay out of the way. Curved jaw is specially shaped to clear the brake shoe edge.

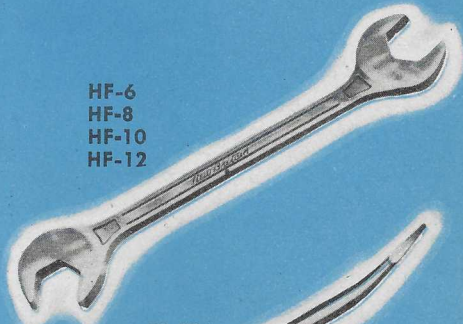
Number	Size
P-62	9"

BRAKE SPRING PLIERS

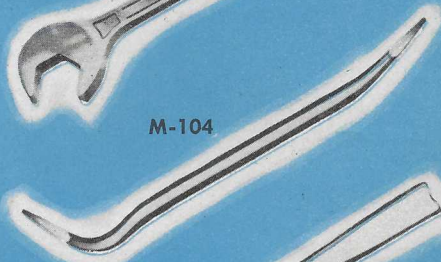
Will handle most of the cars on the market and take care of Ford Brakes, as well as other passenger cars. Notice the unique shape of the ends — one jaw is curved to provide exceptional clearance. The other jaw is specially hooked and notched to make quick work of tedious adjustments, as well as to pull cotter pins.

Number	Size
P-60	14"
P-61	24"

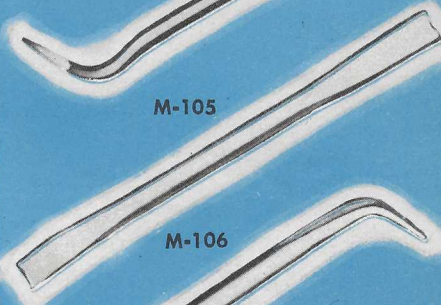
HF-6
HF-8
HF-10
HF-12



M-104



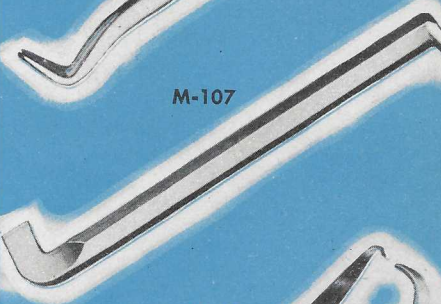
M-105



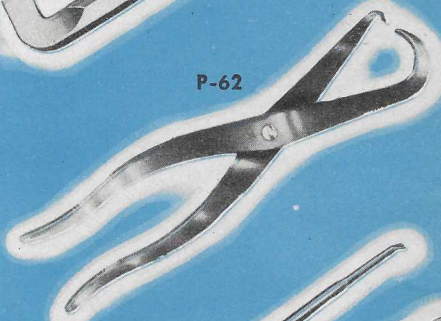
M-106



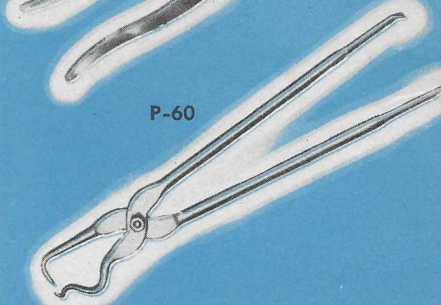
M-107



P-62



P-60



New Britain

BERNARD PATTERN PLIERS

If you could look into the tool cabinets of exacting mechanics in all lands, you would find Bernard Pattern Pliers everywhere. Large Industries and Utilities specify these super Pliers. Where time is short on exacting jobs, initial price is unimportant. New Britain Bernard Pattern Pliers cost more but quickly pay off in extra production.

LONG NOSE SIDECUTTING PLIERS

For some simple gripping jobs a low-priced plier will serve almost as well as a specially drop forged and heat treated product. However, for long reach work in any restricted corners, there is no choice about the tool to use. Even the best is not too good where enormous pressure must be exerted on sometimes less than a quarter of an inch of gripping surface. Here is a plier you will use and recommend. Temper blue finish, polished heads.

Number	Size
P-582	6 1/2"

FLUSH BOLT SIDECUTTER

Exclusive New Britain Bernard Pattern for the automotive field. The sidecutting jaws are real cutters. Because of the clearance on the gripping end, they can be resharpener indefinitely. Use them for gripping and holding on all your average work. Temper blue finish, polished heads.

Number	Size
P-400	7"

MEDIUM DIAGONAL PLIERS

Given special heat treatment to insure a cutting edge which handles any wire in an automotive repair shop, yet is small enough for fine work. Temper blue finish, polished heads.

Number	Size
P-510	5 1/2"

LARGE DIAGONAL PLIERS

A real handful that permits tremendous leverage and will quickly and surely cut all of the wire that you will ever encounter. The cutting edges have been specially treated and individually tested before leaving the factory. Temper blue finish, polished heads.

Number	Size
P-500	7"

SPRING ACTION NIPPERS

If you do a lot of electrical work, you will appreciate this tool. Spring action produces compound leverage on the cutting edge so that you can cut piano wire and other tough material without effort.

Number	Size
P-177	5 1/2"

LINEMAN'S PLIERS

A new design in construction pliers developed in cooperation with Utilities Companies. You will appreciate its many advantages the moment you see and handle a pair of these heavy duty line pliers. Nickel chrome rivets guarantee permanent action that no amount of abuse or wear will destroy. Polished heads, temper blue handles.

Number	Size
P-542	8"

P-582

P-400

P-510

P-500

P-177

P-542

*New Britain***DROP FORGED PLIERS**

Many years' experience has been incorporated in design and construction of these Pliers. Great care has been taken to get perfect balance that alone produces speedy work.

COMBINATION PLIERS

The general purpose Tool for all types of work. Their drop forged construction assures rugged performance. Slip jaws plus handy wire cutters.

Number	Size	Capacity
P-20 (Nickel)	6"	1"
P-21 (Plain)	6"	1"
P-22	8"	1½"
P-24	10"	2"

STRAIGHT THIN NOSE PLIERS

Can be used to excellent advantage on all small work, radio, electrical bench jobs, etc. Full finish, nickel plated.

Number	Size	Capacity
P-10	5"	¾"
P-15	6"	1"

SIDE CUTTING PLIERS

Combines tremendous gripping power with a cutting capacity equal to the average lineman pattern pliers. Full finish, nickel plated.

Number	Size	Capacity
P-25	6"	1"

HEAVY DUTY GRIPPING PLIERS

For general purpose work where plenty of gripping power is needed. Grips like a pipe wrench. Has a three position adjustable slide joint. Full finish, nickel plated.

Number	Size	Capacity
P-35	8"	1½"

DIAGONAL CUTTING PLIERS

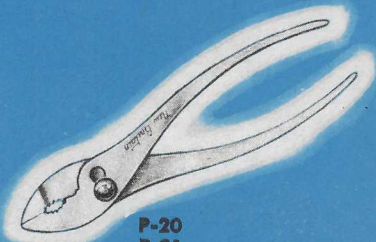
Very popular among automobile mechanics because the jaws are hardened to cut piano wire or choke wire. Finish polished head.

Number	Size	Capacity
P-45	6"	1½"

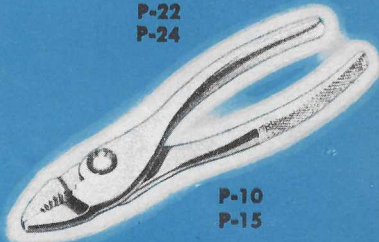
HEAVY DUTY DIAGONAL CUTTING PLIERS

The sturdy construction, great cutting angle and spoon shaped jaws, make this a popular Plier with mechanics. Finish polished head.

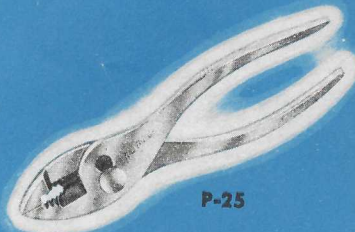
Number	Size	Capacity
P-50	7"	1½"

Forged Pliers

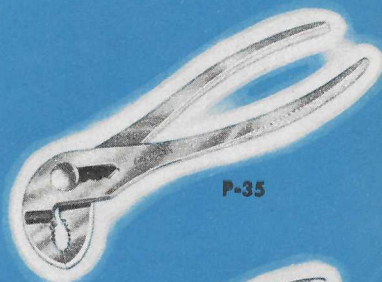
P-20
P-21
P-22
P-24



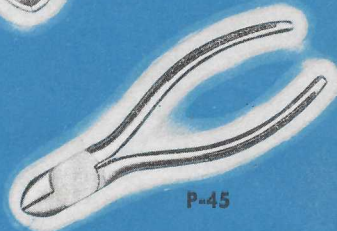
P-10
P-15



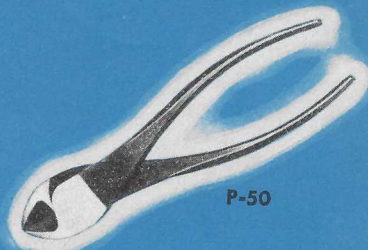
P-25



P-35



P-45



P-50

New Britain

DROP FORGED PLIERS

Specially designed Pliers for special work are the demands of the modern mechanic. Difficult connections require Tools which will exactly fit without injuring the work. The finest steels have been selected in the creation of these Pliers.

BATTERY PLIERS

Designed expressly for battery and installation work. Grips the nuts firmly. Note the offset jaws which provide knuckle clearance. Finish Nickel Plated, Polished and Buffed Head.

Number	Size	Finish	Capacity
P-40	8"	Nickel	1"

RADIO PLIERS

This new design will prove to be very handy for all types of electrical work as well as the tight places on car radios.

Number	Size	Finish
P-16	6"	Satin

WATER PUMP PLIERS

Known as "Pump Pliers" but can be rightfully called "All Purpose Pliers." Teeth set at a backward (Pipe Wrench) angle. Has five adjustments with opening from 0 to 1 3/4". Nickel Plated.

Number	Size	Finish	Capacity
P-30	9 1/2"	Nickel	1 3/4"

BRAKE SPRING PLIERS, 9"

Brake work can never be made easy. The correct Tools, however, will speed it up. On close work, this 9" size will prove to be an invaluable addition to any Brake Tool Set. Cadmium Plated.

Number	Size	Finish
P-62	9"	Satin

BRAKE SPRING PLIERS, 14"

The most widely used type of Brake Spring Plier. It will handle most of the cars on the market and it will take care of Ford brakes, as well as other passenger cars. Equipped with notched ends, to handle some adjustments as well as pulling cotter pins. Cadmium Plated.

Number	Size	Finish
P-60	14"	Satin

BRAKE SPRING PLIERS, 24"

A heavy duty Tong for handling the largest truck jobs. Provides tremendous leverage and it has all the strength required to do the most difficult jobs. Cadmium Plated.

Number	Size	Finish
P-61	24"	Satin

P-40

P-16

P-30

P-62

P-60

P-61

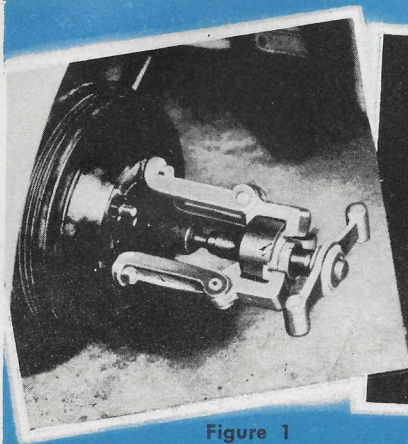


Figure 1

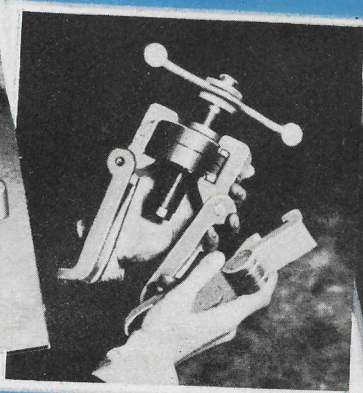


Figure 2

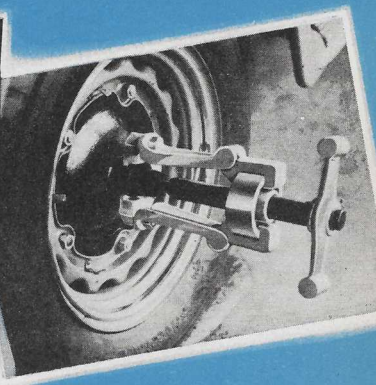


Figure 3

New Britain **WHEEL HUB PULLERS**

Trucks and Buses lose money every hour they spend off the road. Time cannot be lost due to inefficient equipment for repairs on wheels which are pulled so often on heavy duty vehicles. The real test of superiority of the New Britain Wheel Hub Puller can best be proved by pulling a hub where the Puller must be spread from 6 to 8 inches apart. The New Britain Puller will not bend hub bolts and the job can be done quickly.

The entire Puller is drop forged. The wrench can be struck with a hammer where a shock blow is needed. Used for pulling tractor flywheels or gears having cap screw holes, it also serves as a two jaw Puller for wheels with four or six bolts. Just slide off one jaw and move the other in the groove so that you have a straight pull.

Figure 1 shows the New Britain Wheel Hub Puller in use on a drum with five bolts on the circle. Note that the Tool rests squarely with the drum. Two of the pulling jaws have been spread around the center block to fit the other two studs.

Figure 2. The simplicity of the Puller recommends it to all mechanics. Note how easily the third jaw is removed to pull a hub having only 4 or 6 bolts where only two jaws are needed.

Figure 3 shows the Puller and Ford V-8 Adapter, P-109 in use on a Ford drum. Use of this adapter is recommended for all Ford Wheel Hubs since it prevents the possibility of springing pressed steel drums out of alignment.

Number	
P-106	Wheel Hub Puller Set
P-105	Wheel Hub Puller (without Wrench)
P-107	Special Heavy Truck Jaws (3)
P-108	Wheel Hub Puller Wrench
P-109	Special Attachment for Fords

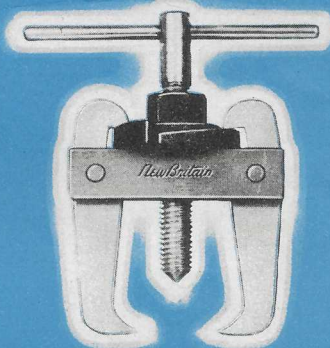
MIDGET GEAR PULLER

The Midget Gear Puller is the smallest, practical gear puller on the market. It performs perfectly on small gears, bearings and armature arbors and slips with ease thru armature bearing races. The P-136 Midget has a 2" capacity for all small jobs. Model P-136A has a 4" capacity where a longer arm Puller is required for small work. The new patented Cam Lock feature has these advantages.

Enables mechanic to fit Puller to work faster—automatically releases from work, guarantees perfect centering of the screw to the work.

Cam Lock action insures positive grip of jaws and relieves the strain which makes other pullers break hinge bolts. Also eliminates need for two persons to properly fit and disengage Puller.

Number	Capacity
P-136	2"
P-136A	4"



P-136

New Britain

SUPER GRIP GEAR PULLERS

5½" Capacity

STANDARD DUTY GEAR PULLER

Look what this Puller Set does !!

1. Pulls gears of all sizes up to 5½" in diameter.
2. Can be used either as a two or three jaw Puller.
3. Pulls Ford V-8 Valve Guide Locks with Adapter No. P-156 and No. P-155 Slide Hammer.
4. Pulls steering wheels on practically all cars without damage to wheels using assortment No. P-154 which consists of special jaws, ring, and nipple for the end of the Puller screw.
5. In all pulling positions the jaws are locked on the job and cannot slip.

THE PATENTED CAMLOCK FEATURE

All New Britain Super Grip Gear Pullers feature the new patented Camlock which enables the mechanic to fit puller to work faster—automatically releases from work, guarantees perfect centering of the screw to the work.

Camlock action insures positive grip of jaws and relieves the strain which makes other pullers break hinge bolts.

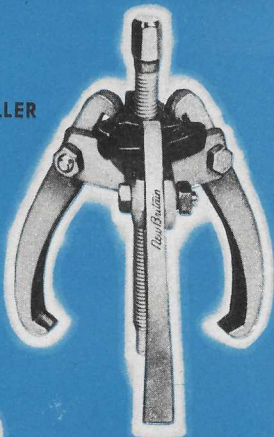
Camlock action eliminates necessity for two persons to properly fit and disengage puller.

All parts of the Set are interchangeable. With block No. P-151 and P-152 the Puller can be used for two jaw or three jaw pulling operations. With the standard jaws, as illustrated, (No. P-149C) this Puller has a reach under the block of 3¼" and a gear capacity of 5½". Blocks and jaws are drop forged from chrome molybdenum steel and will stand abuse. The screw is ½" in diameter and 5½" long. Since it is made from special steel and carefully heat treated, it will give years of service.

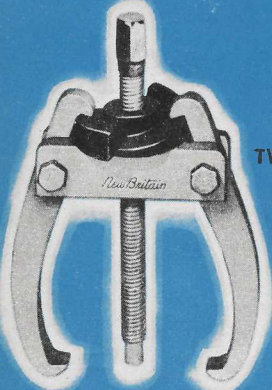
LIST OF PULLERS AND PARTS

Number	
P-149C	Three Jaw Puller as illustrated.
P-150C	Two Jaw Puller as illustrated.
P-151C	Three-way Pulling Block.
P-152C	Two-way Pulling Block.
P-154	Steering Wheel Puller Jaws, Ring and Nipple.
P-155	Sliding Hammer.
P-156	V-8 Valve Guide Lock Pulling Attachment.
P-157C	Set of three standard Puller Jaws (not illustrated).
P-158C	Set of two standard Puller Jaws (not illustrated).
P-159C	Threaded Screw fits Pullers P-149C and P-150C (not illustrated).
P-191C2	Cam Lock fits Puller P-150C (not illustrated).
P-191C3	Cam Lock fits Puller P-149C (not illustrated).

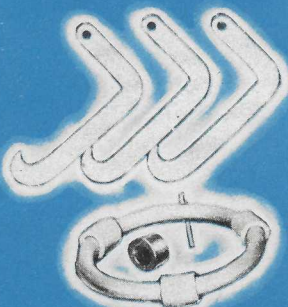
THREE JAW PULLER
P-149C



TWO JAW PULLER
P-150C



P-155



P-154



P-156



P-151C



P-152C

*New Britain***SUPER GRIP GEAR PULLERS****7½" Capacity****HEAVY DUTY GEAR PULLER**

The Gear Pullers and parts illustrated on this page will handle the majority of all pulling jobs a garage may be called upon to do. Jaws and blocks are drop forged from chrome molybdenum steel and oil tempered to stand hard service.

All the parts illustrated are interchangeable. Inside bearings and sleeves may be pulled using the inside pulling Jaws No. P-147C and the slide hammer Puller No. P-148C. The Set is universal and handles a large range of work since it is possible to assemble the Puller for three jaw pulling or two jaw pulling operations.

Like other New Britain Pullers these tools are equipped with the positive jaw locking cone which adjusts the jaws to engage gears up to 7½" in diameter and locks them in position to prevent any chance of slipping. When using the inside Jaws No. P-147C the cone is turned upside down and in this position forces the jaws outward to prevent their slipping when pulling inside bearings, sleeves, grease retainers, etc.

By using the two-way Block No. P-144C and the puller screw, a very suitable tool for pulling impulse neutralizers and timing gears is formed.

Jaws No. P-145C are wide, thin jaws and are used where little space is available to get behind gears. Jaws No. P-146C are used where extra pulling strength is needed and where there is sufficient room to permit the use of a heavier built set of jaws.

The screw is ⅝" in diameter, 9½" long. It has a fine thread and is manufactured from tested tool steel and properly tempered.

Number

P-139C Puller, equipped with No. P-146 Jaws, Three-way Block No. P-142, screw and locking cone.

P-140C Puller, equipped with Two-way Block P-144, two jaws out of the P-146 Set, Screw and Locking Cone.
(The above Two Jaw Pullers not illustrated.)

P-142C Three-way Block.

P-144C Two-way Block.

P-145C Set of three wide, thin Pulling Jaws.

P-146C Replacement Jaws for Puller P-139C.

P-147C Set of three Inside Pulling Jaws.

P-192C2 Cam Lock fits Puller P-140C.

P-192C3 Cam Lock fits P-139C.

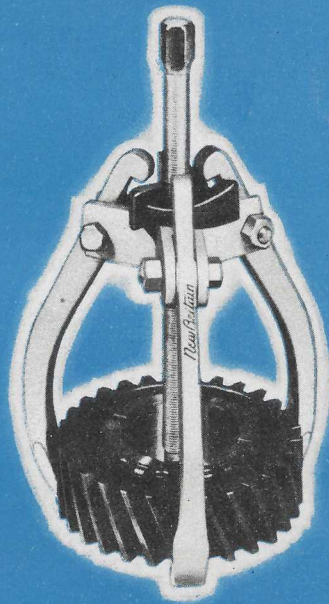
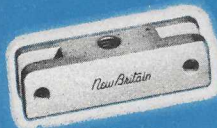
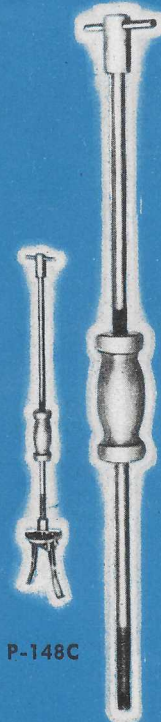
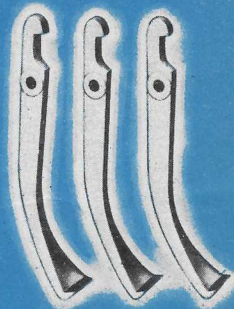
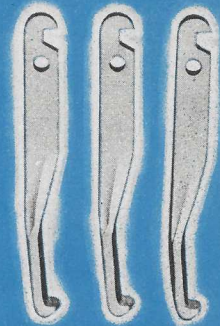
P-141C Screw fits Pullers P-139 and P-140.

SLIDE HAMMER PULLER SET

Combines the advantages of both a Slide Hammer and an Inside Cam Lock Puller—all in one tool.

Number

P-148C Slide Hammer Puller Set including P-148D Inside Jaws, P-148E Bushing, P-148F Two-way Block and P-148G Two-way Inside Cam.

Pulling Equipment**P-139C****P-144C****P-142C****P-148C****P-145C****P-146C****P-147C**

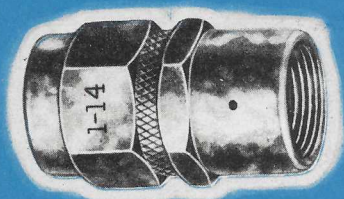
New Britain

AXLE AND WHEEL ATTACHMENTS

KNOCKOUT TYPE WHEEL PULLERS

Every precaution has been taken in the making of these pullers to be kind to threads. First the threading is carefully done to insure an even fit. Holes have been drilled in each puller to allow air and grease to escape so that the puller can be turned well onto the axle.

Number	Axle Size	Number	Axle Size
N-4100	$\frac{5}{8}$ " - 18	N-4102	$\frac{7}{8}$ " - 14
N-4101	$\frac{3}{4}$ " - 16	N-4538	$\frac{7}{8}$ " - 18
N-4572	$\frac{3}{4}$ " - 20	N-4103	1" - 14
N-4537	$\frac{13}{16}$ " - 16	N-4104	$1\frac{1}{8}$ " - 12
	N-4306	$1\frac{1}{4}$ " - 12	



N-4100
N-4101
N-4572
N-4537
N-4102
N-4538
N-4103
N-4104
N-4306

KNOCKOUT WHEEL PULLER SETS

A selection of Pullers that is in constant use in all garages every day of the week. Many mechanics buy new sets rather than replace them in part, so that they will not endanger axle threads.

Set of 4 Wheel Pullers

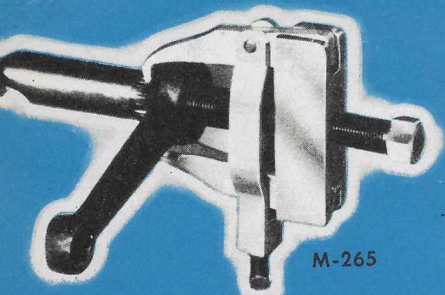
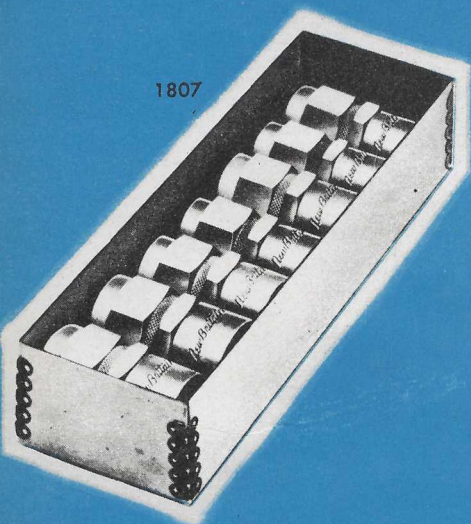
N-4101	$\frac{5}{8}$ " - 18	N-4102	$\frac{7}{8}$ " - 14
N-4100	$\frac{3}{4}$ " - 16	N-4103	1" - 14

Number
804

Set of 7 Wheel Pullers

N-4100	$\frac{5}{8}$ " - 18	N-4103	1" - 14
N-4101	$\frac{3}{4}$ " - 16	N-4104	$1\frac{1}{8}$ " - 12
N-4102	$\frac{7}{8}$ " - 14	N-4306	$1\frac{1}{4}$ " - 12
N-4538	$\frac{7}{8}$ " - 18		

Number
1807



M-265

PITMAN ARM OR STEERING ARM PULLER

As illustrated, the construction is such that the jaws can be locked tightly around the arm and there is no chance of slippage when the pressure is applied by turning down the thread screw.

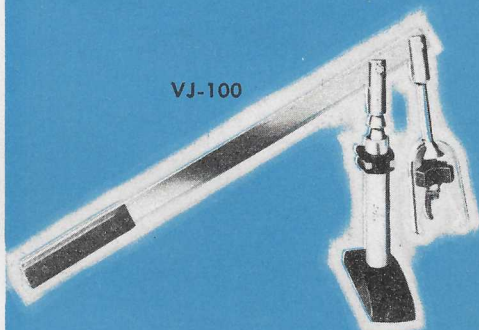
Number
M-265

*New Britain***VALVE JACK****TAPERED BEARING SPLITTER,
FAN PULLEY & WATER PUMP
HUB PULLERS****VALVE JACK**

You can pull valves—even stuck valves—with the motor in the car. This sturdy adjustable Jack saves you time and trouble. It's a giant for power. Standard set-up, as shown, takes care of L-head motors. In addition, this Jack quickly adapts to Ford V-8 as well—simply interchange jaw link and fulcrum. Firm, solid leverage and straight pull produce amazing action that gently removes entire valve assembly at once.

Number

VJ-100



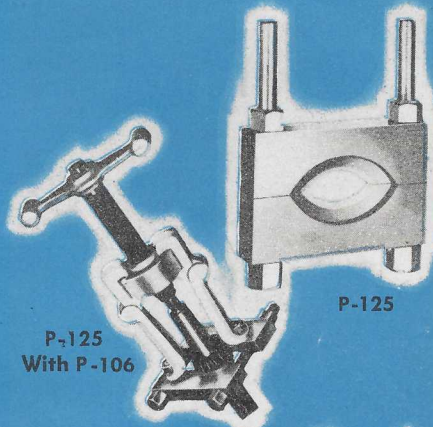
VJ-100

TAPERED BEARING SPLITTER

Another unique and exclusive New Britain design. Not only will this Splitter perform every job of separating that you have to do but it will do it surely and stand up under heavy work. The studs which are screwed in opposite corners permit the use of Hub Puller. Will handle bearings up to 4½" outside diameter. This can be used in conjunction with the No. P-106 as illustrated to the right. See page 61 for Hub Pullers:

Number

P-125



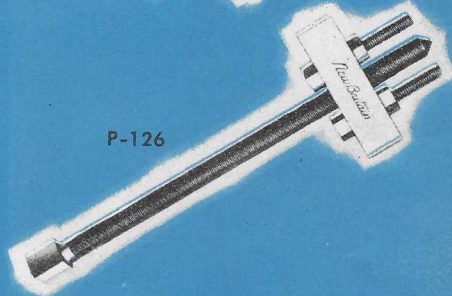
P-125

P-125
With P-106**IMPULSE NEUTRALIZER PULLER**

This small Puller is invaluable in saving time when removing Impulse Neutralizers. Best of all a set of the P-111 should be purchased and then used in combination with this and other tools on countless jobs, such as Fan Pulleys, etc.

Number

P-126 Complete as illustrated



P-126

WATER PUMP HUB PULLERS

These two models take care of all cars, except Fords, which pumps have no bolt holes to affix Puller. P-610 is designed for GM pumps using pressed steel pulleys. P-611 is a universal model designed to take care of all other water pumps.

Number

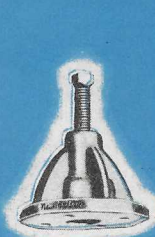
Size

P-610

5"

P-611

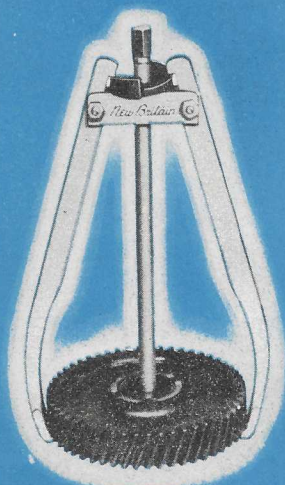
4"



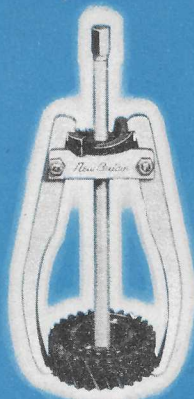
P-610



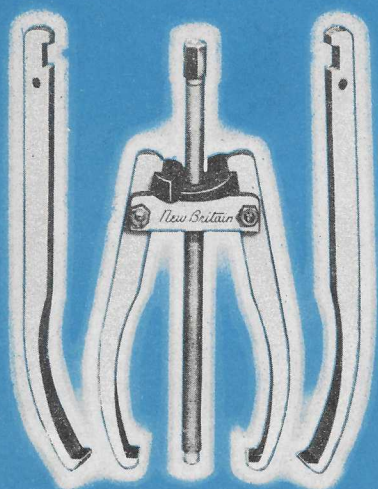
P-611



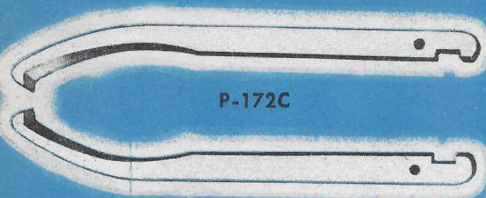
P-174C



P-170C



P-178C



P-172C



P-176C

New Britain

SUPER GRIP GEAR PULLERS

7½" to 19" Capacity

EXTRA HEAVY DUTY GEAR PULLER

These Pullers are made in line with the New Britain policy of having the widest range of sizes with the smallest number of tools.

These 12" and 19" diameter gear capacity sizes are designed for truck and bus work and pulling gears and pulleys on farm implements and tractors. They also have a wide field in many industrial plants.

The Jaws and Blocks are drop forged from the toughest alloy steel. The Screw is 15" long and finely threaded to insure easy turning and the ability to stand up under hard use.

The extra length Jaws are interchangeable so that the purchase of only one Block is necessary. They have a reach of 18" under the Block and will actually handle a 19" diameter gear.

Like all New Britain Super Grip Pullers, they are equipped with the special adjustable Camlock. This insures an equal grip on any gear and is not only safer but prolongs the life of the Puller by always equalizing the pulling strain.

Number

- P-170C Puller as illustrated with 12" Jaws.
- P-172C Extra Length Jaws 18".
- P-174C Puller with Extra Length 18" Jaws installed.
- P-176C 12" Jaws as shown in Puller No. P-170.
- P-178C Complete Puller Set with 18" and 12" Jaws.
- P-179C Screw fits Pullers P-170, P-174 and P-178.
- P-193C Camlock fits Pullers P-170, P-174 and P-178.

New Britain

ADJUSTABLE VALVE STEM GUIDE CLEANERS

These Valve Guide Cleaners expand to fit the job. The tempered spring-steel blades can be reversed for a new cutting edge. You can also resharpen the blades by holding them flat against an emery wheel.

Number	Size	Blades
VGC-11	$\frac{5}{16}$ " to $\frac{9}{16}$ "	4
VGC-11B	Set of 4 extra Blades	
VGC-12	$\frac{9}{16}$ " to $\frac{3}{4}$ "	5
VGC-12B	Set of 5 extra Blades	
VGC-13*	$\frac{27}{32}$ " to $1\frac{1}{32}$ "	5
VGC-13B	Set of 5 extra Blades	

*Special for Ford V-8, 60 and 85 H.P.

KING BOLT BUSHING REAMER

Solid Type

Made in sizes for all popular makes of cars. Milled flutes remove burrs or excess metal. Both ends are ground as pilots and enter freely in perfect alignment.

Number	
R-680	For all A, B, V-8 Ford and Mercury cars; also 1928-1929 Model AA Ford trucks.
R-690	For all AA, BB and V-8 Ford trucks from 1930 to 1937 incl.
R-710	For all 1938 to 1940 incl. $1\frac{1}{2}$ ton Ford V-8 trucks.
R-740	For Chevrolet 1936 bushing type and all 1937 to 1940 incl. knee action models.
R-750	For all Chevrolet 6 cylinder cars (except knee action models) also for Plymouth 1933 PC & PD, and 1934 PF & PG models.
R-820	For all Chevrolet 6 trucks.
R-840	For Plymouth 1934 PE 1935 to 1940 incl. Plymouth, Dodge, Chrysler and DeSoto models.

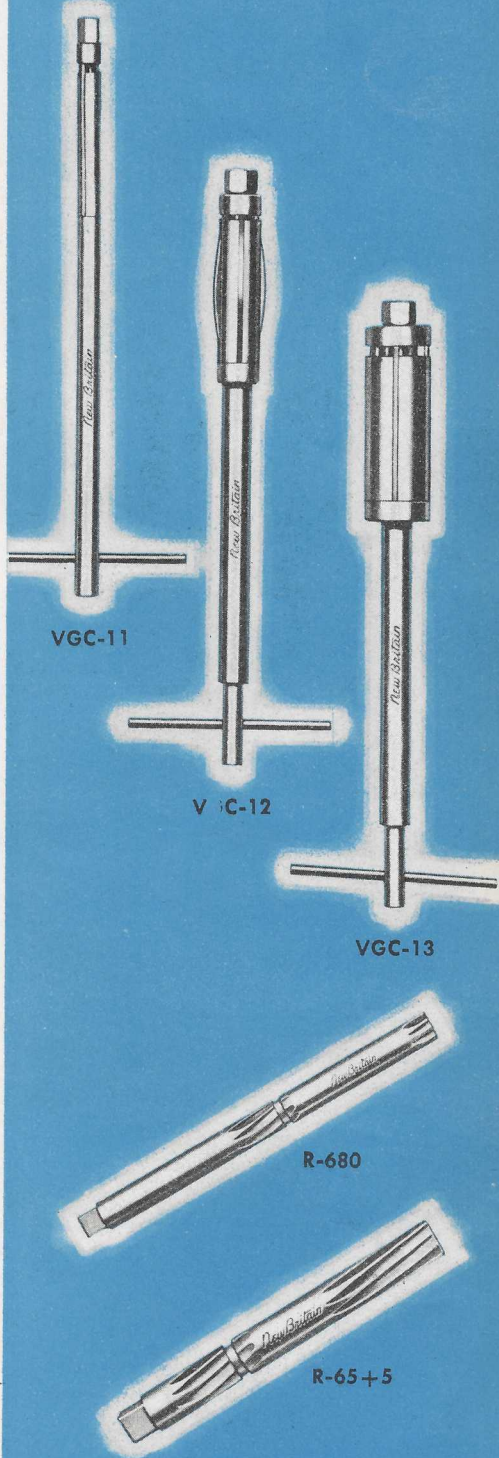
PISTON PIN BUSHING REAMERS

Solid Type

Front ends precisely ground to act as pilots. Make easy reaming of pistons and connecting rods.

Number	
R-65+5	For all Ford V-8 cars & trucks (except 60 H.P.) also all Mercury and Lincoln Zephyr cars .005 O.S.
R-660	For all Ford A & AA, B & BB cars and trucks standard size.
R-66+5	For all Ford A & AA, B & BB cars & trucks .005 oversize.
R-76+5	For all Chevrolet Six 1929 to 1936 inclusive .055 oversize.
R-630	For Ford V-8 $1\frac{1}{2}$ ton truck 1932 to 1940 inclusive.
R-640	For Ford A, AA, B, BB & V-8 cars and trucks (except V-8 $1\frac{1}{2}$ ton) and Chevrolet 1935 to 1940 incl. Master and DeLuxe cars & 1936 to 1940 incl. Chev. trucks.

Reamers and Pilots



New Britain

REAMERS, HONES AND BUSHING DRIVER SETS

UNIVERSAL CYLINDER RIDGE REAMER SETS

This Cylinder Ridge Reamer Set removes the unworn ridge from the cylinders of all cars with bores from $2\frac{9}{16}$ " to $4\frac{7}{8}$ ", which includes the Ford V-8. The supporting lugs are mounted on the blades to expand with the blades so that the head studs need not be removed from the block. The lugs are held against the top of the block by pressing down on the knob. In cars with recessed cylinder blocks such as Buick, Chevrolet and Nash, the lugs are replaced by small plates and the Tool rests on top of the piston while reaming.

Parts Included:

- RP-181** Set of three short blades, size $2\frac{9}{16}$ " to $3\frac{3}{4}$ "
RP-182 Set of three long blades, size $3\frac{3}{4}$ " to $4\frac{7}{8}$ "

Set Number

Size of Box

R-173

$5\frac{1}{2}$ " x 4" x $3\frac{1}{2}$ "

TRUCK, TRACTOR AND BUS CYLINDER RIDGE REAMER SET

This set contains the same features as R-173 Set, with blades and strips to ream $4\frac{7}{8}$ " to 8" with one set of three filler strips together with operating knob.

Parts Included:

- RP-178** Set of three blades with strips, size $4\frac{7}{8}$ " to $6\frac{7}{16}$ "
RP-179 Set of special blades and strips, ranging from $6\frac{7}{16}$ " to 8" size

Set Number

Size of Box

R-174

$5\frac{3}{4}$ " x $6\frac{1}{4}$ " x $6\frac{1}{2}$ "

GENERAL PURPOSE HONING SET

Can be used with any lathe, drill motor, drill press or reaming machine with 50 to 150 R.P.M. Use kerosene or machine oil freely and go to work. Use it for all honing, lapping and burnishing on piston pins, steering knuckles, etc. The set includes 3 hones, 9 refills, 3 shims and 3 burnishers. Range from $\frac{3}{4}$ " to 1.115".

Parts Included:

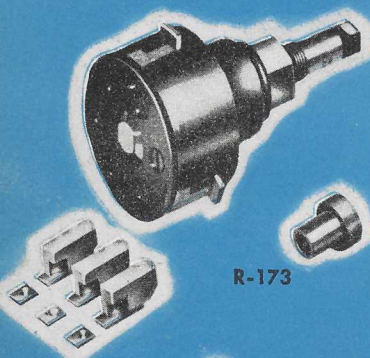
- RP-201** Set of 12 abrasives (coarse)
RP-201F Set of 12 abrasives (fine)
RP-202 Set of 3 burnishers
RP-203 Set of 3 shims
RP-203B Set of 3 die cast blades

Set Number

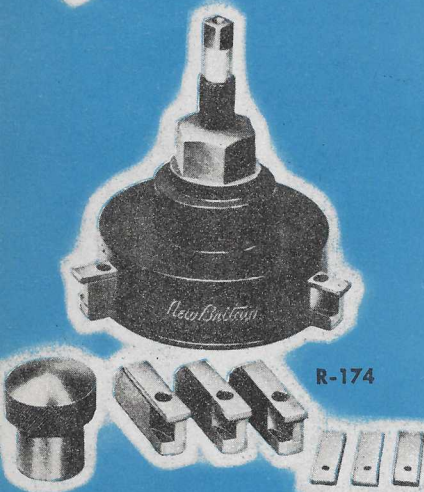
Size of Box

R-200

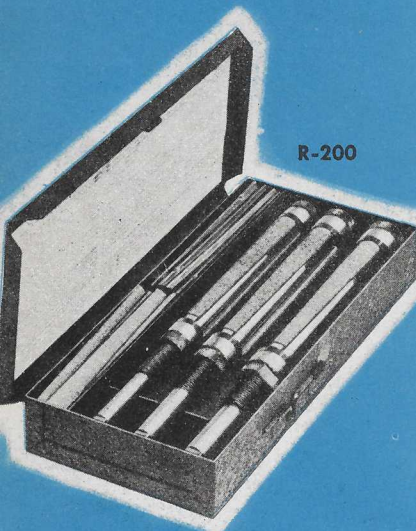
10" x $5\frac{1}{4}$ " x $1\frac{1}{2}$ "



R-173



R-174



R-200

New Britain

Reamer and Pilot Sets

HYDRAULIC BRAKE CYLINDER HONE

This Set has a range wide enough to cover all pleasure cars and trucks. Blades expand $\frac{1}{16}$ " in slots so that moving from one set of slots to another gives $\frac{1}{8}$ of an inch expansion. Therefore, the three sets of blades can give $\frac{3}{8}$ " expansion in each body. The complete set has three bodies so that the range is from $\frac{3}{4}$ " to $1\frac{1}{8}$ ".

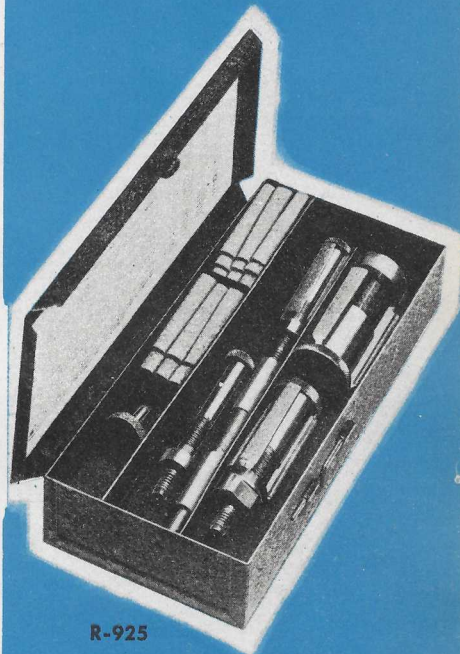
Parts Included:

- RP-899C** Set of 12 hone abrasives (coarse)
RP-899F Set of 12 hone abrasives (fine)
RP-896 Set of 3 small die cast blades
RP-897 Set of 3 medium die cast blades
RP-898 Set of 3 large die cast blades
RP-920 Flexible driving shaft
RP-876B Two $\frac{3}{4}$ " to $1\frac{1}{8}$ " hone bodies with nuts, collars and cup screws
RP-877B $1\frac{1}{8}$ " to $1\frac{1}{2}$ " hone body with nut, collar, cup screw. Special 1" cup screw for honing step bore cylinders
RP-878B $1\frac{1}{2}$ " to $1\frac{7}{8}$ " hone body, nut, collar, screw

Set Number

Size of Box

R-925 $9\frac{3}{4}" \times 4\frac{1}{4}" \times 1\frac{1}{2}"$

**R-925**

BUSHING REMOVER AND REPLACING SET

Drives bushings from all passenger cars, buses and a large percentage of trucks and tractors. This is a practical set designed to meet the demands of the up-to-date garage.

Drivers

Number	Inside Diameter	Outside Diameter
RP-848	$1\frac{3}{32}"$	$\frac{7}{16}"$
RP-849	$\frac{7}{16}"$	$\frac{1}{2}"$
RP-850	$\frac{1}{2}"$	$\frac{9}{16}"$
RP-851	$\frac{1}{2}"$	$\frac{5}{8}"$
RP-852	$\frac{9}{16}"$	$\frac{5}{8}"$
RP-853	$\frac{9}{16}"$	$1\frac{1}{16}"$
RP-853A*	$3\frac{9}{64}" - \frac{5}{8}"$	$4\frac{3}{64}" - 1\frac{1}{16}"$
RP-854	$\frac{5}{8}"$	$\frac{3}{4}"$
RP-855	$1\frac{1}{16}"$	$1\frac{3}{16}"$
RP-856**	$4\frac{7}{64}" - \frac{3}{4}"$	$5\frac{5}{64}" - \frac{7}{8}"$
RP-857	$\frac{13}{16}"$	$1\frac{5}{16}"$
RP-858***	$5\frac{5}{64}" - \frac{7}{8}"$	$6\frac{3}{64}" - 1"$
RP-859	$1\frac{5}{16}"$	$1\frac{11}{16}"$
RP-860	$1"$	$1\frac{11}{8}"$
RP-861	$1\frac{1}{16}"$	$1\frac{3}{16}"$
RP-862	$1\frac{1}{8}"$	$1\frac{1}{4}"$
RP-863	$1\frac{1}{4}"$	$1\frac{3}{8}"$
RP-864	No. 1 retaining body (small)	
RP-865	No. 2 retaining body (medium)	
RP-866	No. 3 retaining body (large)	
RP-867	No. 1 & 2 retaining nut	
RP-868	No. 3 retaining nut	

*Will drive Chev. 6 water pump bushing.

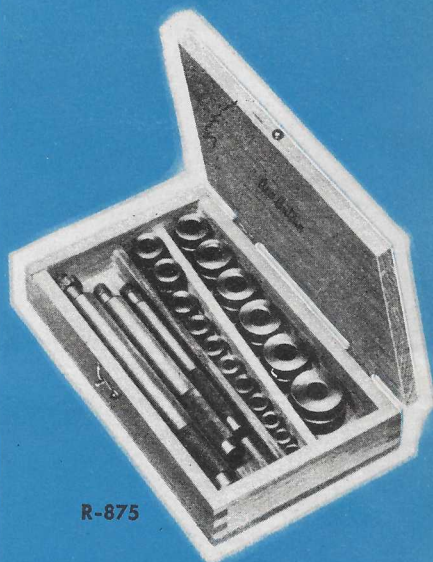
**Will drive Chev. 6 king bolt bushing.

***Will drive Chev. 6 king bolt bushing (knee action type) and Chev. 6 piston pin bushing, size .866".

Set Number

Size of Box

R-875 $7\frac{3}{4}" \times 4\frac{1}{2}" \times 1"$

**R-875**

New Britain

REAMER AND PILOT SETS

EXPANSION TYPE

These Sets contain only the new type of Expansion Reamers and pilots which have revolutionized reaming work. They fit all standard Critchley type Expansion Reamers. They are ground diametrically to guarantee accuracy.

REAMER SET

Number	Size	Number	Size
RP-A	15/32" to 17/32"	RP-E	23/32" to 25/32"
RP-B	17/32" to 19/32"	RP-F	25/32" to 27/32"
RP-C	19/32" to 21/32"	RP-G	27/32" to 15/16"
RP-D	21/32" to 23/32"	RP-H	15/16" to 17/16"
Set No.	Size of Box		
R-1	9 1/2" x 8" x 1 1/2"		

PILOT SET

Number	Size	Number	Size
RP-A-1	15/32" to 17/32"	RP-E-1	23/32" to 25/32"
RP-B-1	17/32" to 19/32"	RP-F-1	25/32" to 27/32"
RP-C-1	19/32" to 21/32"	RP-G-1	27/32" to 15/16"
RP-D-1	21/32" to 23/32"	RP-H-1	15/16" to 17/16"
Set No.	Size of Box		
R-4	7" x 4 1/2" x 1 1/2"		

EXTRA LONG ALIGNING REAMERS

These were designed for electric motor bearings but they are perfect Tools to use wherever two bearings are to be brought into direct alignment.

Number	Size	Number	Size
RP-1L	1/2" to 9/16"	RP-6L	3/4" to 13/16"
RP-3L	5/8" to 11/16"	RP-8L	13/16" to 7/8"
RP-5L	1 1/16" to 3/4"	RP-11L	1" to 1 1/16"
Set No.	Size of Box		
R-19L	21" x 6" x 1 1/2"		

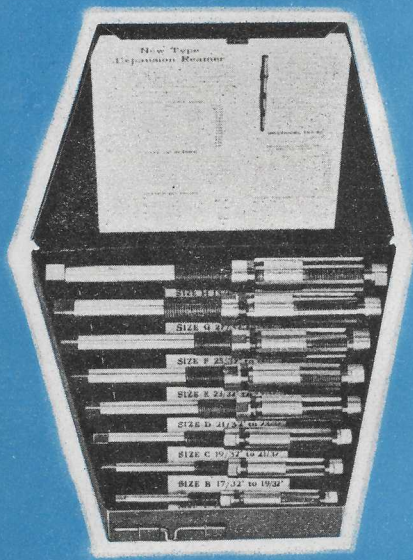
PRECISION PILOT REAMERS

You must see this Set to appreciate its great advantages in reaming King Bolt, Spring Shackle, Pitman Arm, Piston Pin, Water Pump and Tie Rod Bushings. The Set includes the following sizes:

Number	Size	Number	Size
RP-5B	1 1/16" to 3/4"	RP-9B	.915" to 1"
*RP-6B	.730" to 13/16"	RP-10B	.985" to 1 1/16"
RP-7B	13/16" to 7/8"	RP-11B	1 1/16" to 1 1/8"
†RP-8B	.860" to 15/16"		

*RP-6B reams Chev. 6 King Bolt Bushing, size .735".
†RP-8B reams Chev. 6 Piston Pin Bushing, size .866".
‡RP-9B reams Chev. 6 Truck King Bolt Bushing, Size .922".
§RP-10B reams Chev. 6 Piston Pin Bushing, size .991".

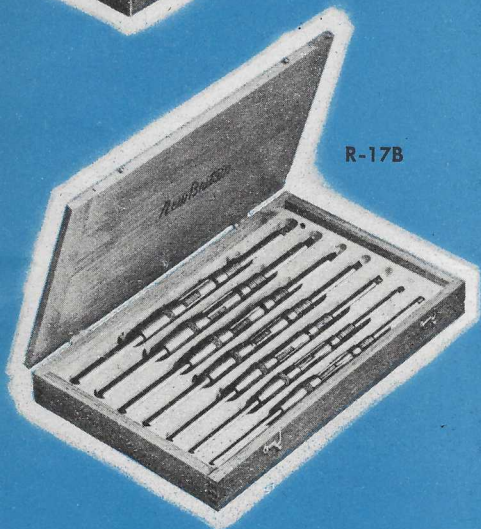
Set No.	Size of Box
R-17B	12 1/2" x 8" x 1 1/2"



R-1



R-19L



R-17B

*New Britain***Reamer and Pilot Sets****ABRASIVE VALVE SEAT GRINDER SET**

Will reface either hard or soft valve seats in one or two minutes. The set contains five abrasive cutters, five dozen abrasives (9 coarse and 3 fine per dozen), one dozen for each size cutter, 2 valve guide bushings, 18 pilots, one handle.

ABRASIVE CUTTERS

Number	Cutters	Size	Number	Cutters	Size
RP-529	13/4"	30°	RP-533	2 1/8"	30°
RP-531	2 1/8"	45°	RP-534	1 9/16"	30°
	RP-532	1 1/2"			45°

RP-139 Ford V-8 Valve Guide Bushing (except 60 H.P.)
 RP-140 Ford V-8 Valve Guide Bushing (for 60 H.P.)

***PILOTS**

Size	Size	Size
5/16"	1 1/32" — .002	3/8" — .002
5/16" + .001	1 1/32" — .003	3/8" — .003
2 1/64"	1 1/32" — .004	3/8" — .004
2 1/64" + .001	3/8"	2 5/64"
1 1/32"	3/8" + .001	2 5/64" + .001
1 1/32" + .001	7/16"	1 9/32"

ABRASIVE DISCS

Number	
RP-725-AB	1 doz. abra. discs for 2 1/8" 45° cutter
RP-727-AB	1 doz. abra. discs for 2 1/8" 30° cutter
RP-728-AB	1 doz. abra. discs for 1 3/4" 30° cutter
RP-729-AB	1 doz. abra. discs for 1 9/16" 30° cutter
RP-729-ABC	1 doz. abra. discs for 1 1/2" 45° cutter

Set No. Size of Box
 R-720 10" x 8" x 2 1/2"

INSERTED BLADE VALVE RESEATING SET

Because these cutters contain seven blades irregularly spaced and set at the exact angle, they will produce a smooth surface even though they have to cut through burnt or glazed steel. The complete Garage Set includes seven cutters, one V-8 Ford Pilot Bushing, eighteen pilots and one handle.

CUTTERS

Number	Cutters	Size	Number	Cutters	Size
RP-2430	1 1/2"	30°	RP-3230	2"	30°
RP-2445	1 1/2"	45°	RP-3245	2"	45°
RP-2460	1 1/2"	60°	RP-3260	2"	60°

RP-2830 1 3/4" 30°

RP-139 Ford V-8 Val. Gd. Bush.

***PILOTS**

Size	Size	Size
5/16"	1 1/32" — .002	3/8" — .003
5/16" + .001	1 1/32" — .003	3/8" — .004
2 1/64"	1 1/32" — .004	2 5/64"
2 1/64" + .001	3/8"	2 5/64" + .001
1 1/32"	3/8" + .001	7/16"
1 1/32" + .001	3/8" — .002	1 9/32"

Set No. Size of Box
 R-201 12 1/2" x 9 1/2" x 2 1/2"

*Replacement pilots for both R-720 and R-201 Sets can be ordered by specifying size of Pilot and Set number.



R-720



R-201

New Britain

GENERAL USE TOOLS

COMBINATION CUTTING SNIPS

Sharp pointed, especially useful on curved work. Cuts intricate patterns smoothly and leaves metal unbent. Special tempering process gives exceptional wearing quality.

Number	Size
M-471	12 $\frac{3}{4}$ "
M-472	7"

BODY WORKERS' SNIPS

An extra heavy-duty Snip for use on body work. It cuts cleanly. Blades are made from specially tempered steel which will outwear several pairs of ordinary tinner's Snips.

Number	Length
M-470	12"

FLEXIBLE CARBON SCRAPER

A unique Tool that is made from a number of different segments which go after carbon independently. Will hit the low spots as well as the high places and do an efficient job.

Number	Length
P-204	9"

GASKET SCRAPER

The 1 $\frac{1}{16}$ " wide flat blade removes shellacked gaskets and other materials. Leaves perfectly smooth surface.

Number	Length
M-134	11"

SHOP KNIFE

This fine Shop Knife has a large handle to insure a firm comfortable grip. Invaluable for cutting gaskets, installing floor mats, etc.

Number	Length
K-1	6"
K-5 (Extra Blade)	

HANDY HOLDING TOOLS

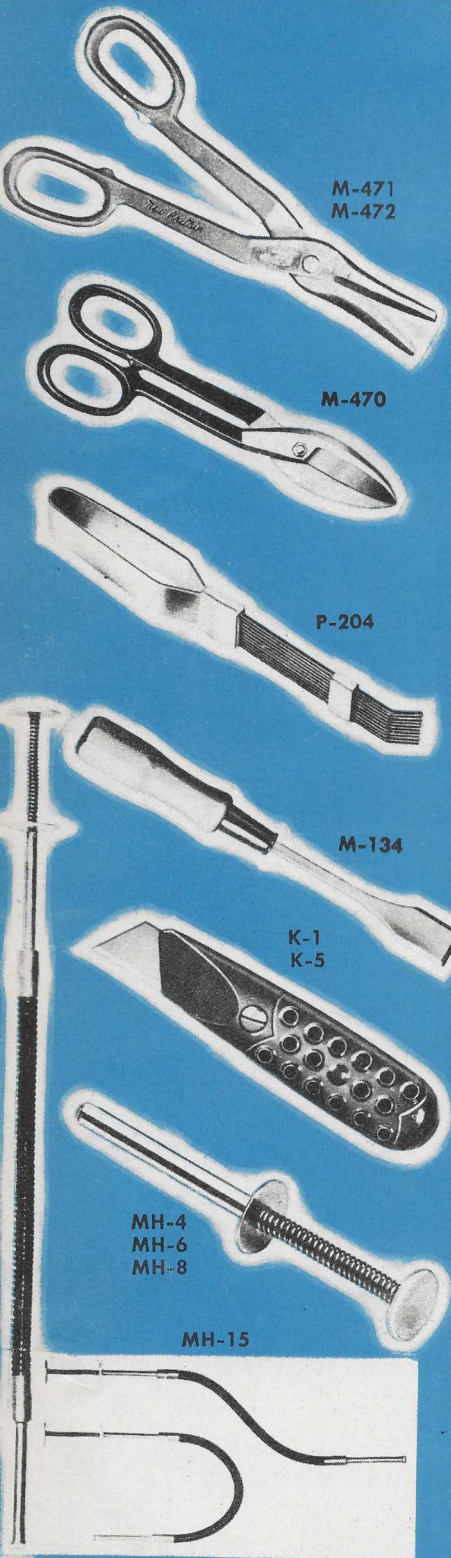
Once you get used to picking fallen screws out of a motor or radio cabinet with these unique tools, you will have a set of them available in your tool kit at all times.

Number	Length	Reach
MH-4	6 $\frac{3}{4}$ "	4"
MH-6	8 $\frac{3}{4}$ "	6"
MH-8	10 $\frac{3}{4}$ "	8"

HOLDER-RETRIEVER — FULLY FLEXIBLE

Hits an all time high for mechanics to master either the awkward job of starting a screw or a nut in an inaccessible spot, or retrieving fallen screws in motors, radio cabinets, etc. FULLY FLEXIBLE. 18" in overall length . . . it can be turned and twisted into limitless shapes.

Number	Reach
MH-15	15"



*New Britain***AXLE RETHREADING DIES**

Dies are finest quality tool steel. To recondition abused and damaged threads, place Rethreading Die over thread, tighten Die and back it-off.

Sizes for Passenger Cars

- | | |
|-----------------------------------|-----------------------------------|
| (A) $\frac{5}{8}$ " die 18 Thread | (C) $\frac{3}{4}$ " die 16 Thread |
| (B) $\frac{7}{8}$ " die 14 Thread | (D) 1" die 14 Thread |

Set Number	Length
M-460	11"

Sizes for Trucks

- | | |
|-----------------------------------|------------------------------------|
| (A) $1\frac{1}{4}$ " die 7 Thread | (C) $1\frac{1}{4}$ " die 12 Thread |
| (B) $1\frac{1}{2}$ " die 6 Thread | (D) $1\frac{1}{2}$ " die 12 Thread |

Set Number	Length
M-461	11"

SELF-FEEDING TUBE CUTTERS

Handle all sizes of tubing—copper, brass or lead—from $\frac{1}{8}$ " to 1" diameter. After the tube has been inserted, and the Cutter tightened, it does not have to be reset. The tension in the frame automatically cuts deeper on each turn until the tube is severed.

Number	Capacity	Length
T-120	$\frac{1}{8}$ " to $\frac{5}{8}$ "	41 $\frac{1}{2}$ "
T-121	(Extra Blade)	
T-130	$\frac{5}{8}$ " to 1"	51 $\frac{1}{4}$ "
T-131	(Extra Blade)	

FLARING TOOL

The most compact Flaring Tool set ever designed. One of the New Britain Self-Feeding Tube Cutters with a New Britain Flaring Tool takes care of no less than seven sizes, $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ". The design makes for a quick job with accurately flared openings.

Number	Length
FT-11	6"

SCREW EXTRACTORS

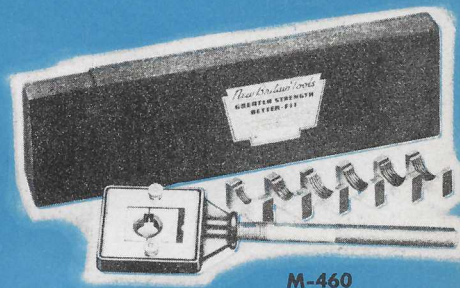
Nothing requires more strength and toughness than an Extractor to remove broken studs. These Extractors are hand forged to insure correct temper, angle and grip.

Number	Bolt Diam.	Use Drill	Drill Depth
E-101	$\frac{1}{4}$ " to $\frac{5}{16}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "
E-102	$\frac{5}{16}$ " to $\frac{3}{8}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "
*E-103	$\frac{3}{8}$ " to $\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
E-104	$\frac{7}{16}$ " to $\frac{1}{2}$ "	$\frac{5}{16}$ "	$\frac{1}{4}$ "
E-105	$\frac{1}{2}$ " to $\frac{5}{8}$ "	$\frac{3}{8}$ "	$\frac{5}{16}$ "
E-106	$\frac{5}{8}$ " and up	$\frac{7}{16}$ "	$\frac{5}{16}$ "

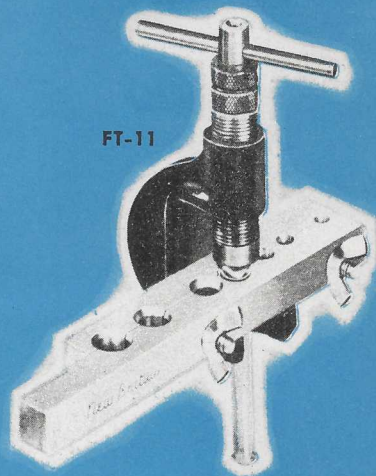
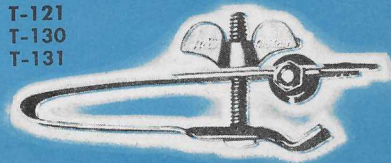
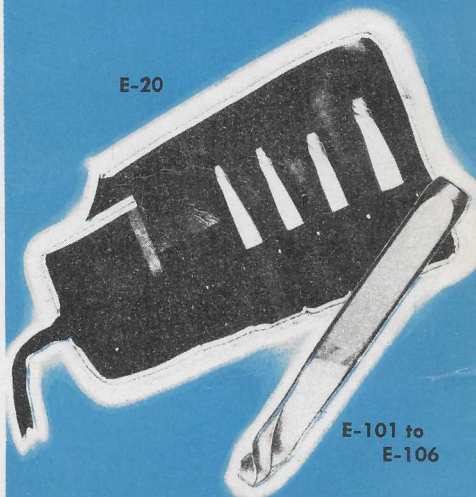
*Recommended for Alemite Fittings.

SCREW EXTRACTOR SETS

Set No.	Contents
E-20	4 Extractors, Nos. E-101 through E-104, in Leatherette Roll
E-21	6 Extractors, Nos. E-101 through E-106, in Leatherette Roll

Miscellaneous Tools**M-460**

T-120
T-121
T-130
T-131

**FT-11****E-101 to
E-106**

New Britain SCREW DRIVERS

GENERAL PURPOSE ALL-STEEL SCREW DRIVERS

Until you have handled New Britain General Purpose All-Steel Screw Drivers, you will never appreciate how good a Screw Driver can be. Drop forged, they are without an equal because they are strong and tough as a hammer. Use them as pry bars. When you have a tight machine cap screw to turn, you can safely gain leverage by using a wrench on the blade. Yet, the blades are thin enough to be used on most screws and on all slotted engine connections where a sturdy Screw Driver has been needed for so long. Buy every New Britain Screw Driver with assurance that it is carefully engineered for the purpose.

Number	Size Blade	Width of Tip	Overall
D-20 1/2	5"	3/8"	9"
D-21	5"	19/32"	9 1/2"
D-22	5"	3/4"	10 1/2"

SCREW HOLDING SCREW DRIVER

For starting or taking out screws in difficult places. Simply slide Screw Holder to extreme front of bit, insert in screw slot and push. Round Chrome Molybdenum steel bits—tough and durable. Fluted wood handle.

Number	Size Blade	Width of Tip	Overall
M-130	4"	1/4"	8"

PHILLIPS SPECIAL ALLOY BLADE SCREW DRIVERS

Equipped with fine clear maple handles for a good solid grip. Yet the blades are made from the finest alloy steel to insure a tight grip that will not slip.

Number	Phillips Screw Size	Blade Length
D-91	No. 1 Pt.	3"
D-92	No. 2 Pt.	4"
D-93	No. 3 Pt.	6"
D-94	No. 4 Pt.	8"

CLUTCH TYPE SCREW DRIVER

For new type screws used in upholstery and panel boards on Chevrolet and other trucks. Amber handle.

Number	Size Blade	Width of Tip	Overall
M-136	4 1/4"	1/4"	8 3/4"

PHILLIPS ADJUSTING SCREW DRIVERS

Made in Phillips screw sizes No. 1 and 2 for getting at Phillips screws in tight places.

Number	Phillips Screw Size	Blade Length
D-911	No. 1 Pt.	1"
D-912	No. 2 Pt.	1 1/2"

STUBBY PHILLIPS SCREW DRIVERS

These amber-handle Stubby Phillips are designed for work where space is limited. Overall length only 3 3/4".

Number	Phillips Screw Size	Blade Length
DP-1	No. 1 Pt.	1"
DP-2	No. 2 Pt.	1 1/2"

D-20 1/2 to D-22

M-130

D-91 to D-94

M-136

D-911
D-912

DP-1
DP-2

New Britain

AMBER HANDLE SCREW DRIVERS

These well-balanced Screw Drivers feature our positive-grip, shock-proof handle. The blades of these Drivers are electrically heat treated and precision ground to withstand hard and constant use.

ADJUSTING SCREW DRIVER

Generators in particular require strong compact Screw Drivers to reach many of the screws. These were made especially for that purpose.

Number	Blade Length	Tip Width	Overall Length
D-41	1"	1/4"	27 7/8"
D-42	1 3/4"	1/4"	35 7/8"

ELECTRICIANS ROUND SHANK SCREW DRIVERS

Here's long reach plus slimness to get into tight places. Every requirement down to the fluted handle is designed for the professional mechanic.

Number	Blade Length	Tip Width	Overall Length
D-33	3"	3/16"	53 3/4"
D-36	6"	3/16"	91 1/2"
D-310	10"	3/16"	131 1/2"
D-312	12"	3/16"	151 1/2"

HEAVY ROUND SHANK SCREW DRIVER

Made from the finest Alloy Steel that money can buy, combined with a proven heat treatment for producing the world's finest Screw Drivers.

Number	Blade Length	Tip Width	Overall Length
D-24	4"	1/4"	71 1/2"
D-26	6"	5/16"	101 1/4"
D-28	8"	3/8"	13"
D-210	10"	3/8"	15"

POCKET SIZE SQUARE BLADE SCREW DRIVER

Some small screws require a lot of pressure. This little giant finds a place in any tool set.

Number	Blade Length	Tip Width	Overall Length
D-43	3"	1/8"	53 3/4"

POCKET SIZE SCREW DRIVER WITH CLIP

Once you form the habit you will never be without one of these in your pocket. Its amber handle assures insulation so that you can use it anywhere.

Number	Blade Length	Tip Width	Overall Length
D-12	2"	1/8"	43 7/8"

HEAVY SQUARE SHANK SCREW DRIVER

You will never turn the blade of any New Britain Screw Driver in its amber handle. These heavy square blades assure you super-strength when you need it.

Number	Blade Length	Tip Width	Overall Length
D-44	4"	1/4"	71 1/2"
D-46	6"	1/4"	91 1/2"
D-66	6"	5/16"	101 1/4"
D-68	8"	3/8"	13"
D-512	12"	3/8"	17"
D-516	16"	3/8"	21"

Screw Drivers

D-41
D-42

D-33
D-36
D-310
D-312

D-24
D-26
D-28
D-210

D-43

D-12

D-44
D-46
D-66
D-68
D-512
D-516

New Britain WOOD HANDLE SCREW DRIVERS

New Britain Wood Handle Screw Drivers are intended for the mechanic who is particular about his tools. They are made by skilled workmen whose business for many years has been making better Screw Drivers with only the best of carefully selected materials.

STANDARD BLADE — WOOD HANDLE

A general purpose screw driver of exceptional strength and utility. Appreciated by the mechanic who wants a good quality tool to turn screws with, and not to use as a cold chisel or pry bar.

Number	Size of Blade	Width of Tip	Overall
D-164	4"	1/4"	9"
D-166	6"	5/16"	11 3/4"
D-168	8"	3/8"	15"
D-1610	10"	3/8"	17"
D-1612	12"	3/8"	19"

SMALL BLADE — WOOD HANDLE

The slender blades of these New Britain screw drivers have accurately ground points. Fluted hard wood handles that fit the hand comfortably and will not slip. Available in a popular range of sizes.

Number	Size of Blade	Width of Tip	Overall
D-173	3"	3/16"	7 1/2"
D-176	6"	3/16"	10 3/8"
D-178	8"	3/16"	12 1/4"
D-1710	10"	3/16"	13"

PHILLIPS SCREW DRIVER — AMBER HANDLE

The Phillips type, equipped with latest design, sure-grip amber handle. Extension of blade well into handle assures maximum torque.

Number	Phillips Screw Size	Bar Length
DP-3	No. 1 Pt.	3"
DP-4	No. 2 Pt.	4"
DP-6	No. 3 Pt.	6"
DP-8	No. 4 Pt.	8"

ADJUSTING SCREW DRIVER

A useful little screw driver for adjustments on cars and machines. Hardwood handles, tempered steel blades.

Number	Size of Blade	Width of Tip	Overall
D-83	1 3/4"	1/4"	4"

OFFSET SCREW DRIVER

Offset Screw Drivers with bits at right angles. Especially adapted to drag link adjustments. Hardened and tempered. Nickel plated.

Number	Stock	Length
374	3/16"	4"
375	1/4"	4 1/2"
376	5/16"	5 1/2"
377	3/8"	6 1/2"

D-164 TO D-1612

D-173 TO D-1710

DP-3
DP-4
DP-6
DP-8

D-83

374 TO 377

New Britain FILES

Mechanics have many uses for this fine group of New Britain Files. Each File is suited for a specific job. Quality cutting edges assure quicker and easier work.

MILL BASTARD

Number	Size
XM-6	6"
XM-8	8"
XM-10	10"
XM-12	12"
XM-14	14"
XM-16	16"

ROUND BASTARD

Number	Size
XR-8	8"
XR-10	10"
XR-12	12"
XR-14	14"

HALF ROUND BASTARD

Number	Size
XH-8	8"
XH-10	10"
XH-12	12"
XH-14	14"

FLAT BASTARD

Number	Size
XF-8	8"
XF-10	10"
XF-12	12"
XF-14	14"

SQUARE BASTARD

Number	Size
XS-8	8"
XS-10	10"
XS-12	12"

EXTRA SLIM TAPER

Number	Size
XE-6	6"

FLEXIBLE BODY FILE

Especially adapted for automobile bodies, fenders, door panels—wherever good surface finish is necessary.

Number	Size
X-289	12"
X-290	14"

SPECIAL CURVED FLEXIBLE AND HALF CIRCLE HANDLES

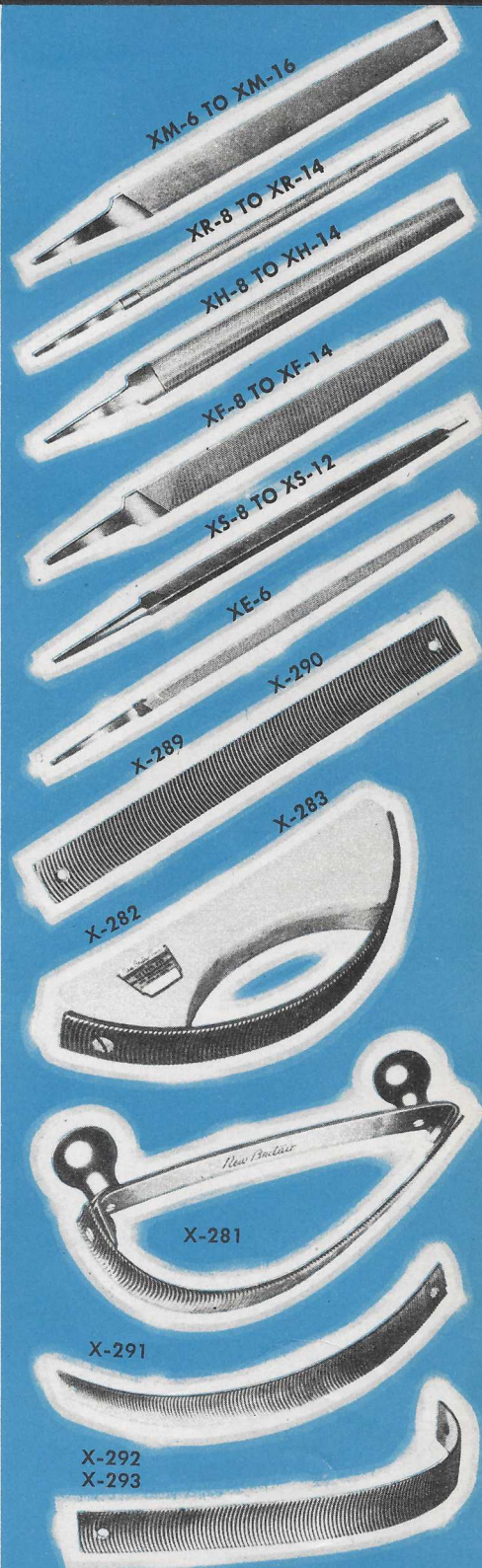
Number	Size	Type
X-281	14"	for Spec. Curved File
X-282	8"	for Half Circle File
X-283	14"	for Half Circle File

SPECIAL CURVED AND HALF CIRCLE BODY FILES

Number	Size	Type
X-291	14"	Special Curved
X-292	8"	Half Circle
X-293	14"	Half Circle

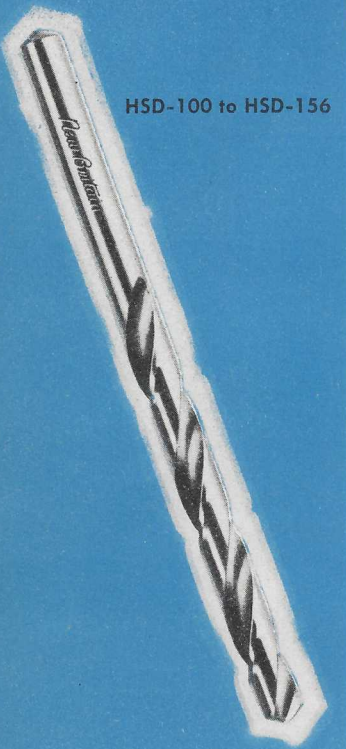
These files have teeth on one side only.

Mechanics Files



High Speed Drills

HSD-100 to HSD-156



New Britain

HIGH SPEED DRILLS

STRAIGHT SHANK

These famous New Britain Drills, constructed for all purpose work, are ideal for Garages, Aviation Maintenance Depots, Machine Shops, etc.

Manufactured from the highest grade of Alloyed High Speed Steel obtainable, New Britain Drills continue to cut accurately and true at frictional heat temperatures up to 1200°.

Number	Diam.	Number	Diam.	Number	Diam.
HSD-100	$\frac{1}{16}$ "	HSD-120	$\frac{7}{32}$ "	HSD-140	$\frac{3}{8}$ "
HSD-102	$\frac{5}{64}$ "	HSD-122	$\frac{13}{64}$ "	HSD-142	$\frac{25}{64}$ "
HSD-104	$\frac{3}{32}$ "	HSD-124	$\frac{1}{4}$ "	HSD-144	$\frac{13}{32}$ "
HSD-106	$\frac{7}{64}$ "	HSD-126	$\frac{17}{64}$ "	HSD-146	$\frac{27}{64}$ "
HSD-108	$\frac{1}{8}$ "	HSD-128	$\frac{9}{32}$ "	HSD-148	$\frac{7}{16}$ "
HSD-110	$\frac{9}{64}$ "	HSD-130	$\frac{19}{64}$ "	HSD-150	$\frac{29}{64}$ "
HSD-112	$\frac{5}{32}$ "	HSD-132	$\frac{5}{16}$ "	HSD-152	$\frac{15}{32}$ "
HSD-114	$\frac{11}{64}$ "	HSD-134	$\frac{21}{64}$ "	HSD-154	$\frac{31}{64}$ "
HSD-116	$\frac{3}{16}$ "	HSD-136	$\frac{11}{32}$ "	HSD-156	$\frac{1}{2}$ "
HSD-118	$\frac{13}{64}$ "	HSD-138	$\frac{23}{64}$ "		

60-PIECE HIGH SPEED WIRE GAGE DRILL SET

A complete range of smaller, Wire Gage Drills from No. 1 through No. 60, inclusive. None of these sizes are repeated in any other New Britain High Speed Drill Set. Specially indexed in Huot Container.

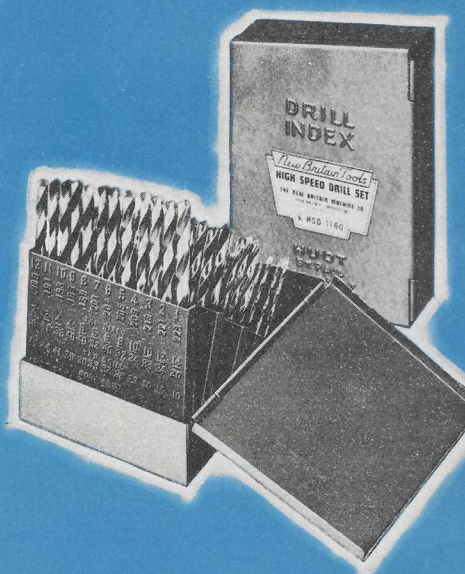
Sizes	Sizes	Sizes
No. 1 (0.228")	No. 21 (0.159")	No. 41 (0.096")
No. 2 (0.221")	No. 22 (0.157")	No. 42 (0.093")
*No. 3 (0.213")	No. 23 (0.154")	No. 43 (0.089")
No. 4 (0.209")	*No. 24 (0.152")	*No. 44 (0.086")
No. 5 (0.205")	No. 25 (0.149")	No. 45 (0.082")
No. 6 (0.204")	No. 26 (0.147")	No. 46 (0.081")
*No. 7 (0.201")	No. 27 (0.144")	No. 47 (0.078")
No. 8 (0.199")	No. 28 (0.140")	No. 48 (0.076")
No. 9 (0.196")	*No. 29 (0.136")	No. 49 (0.073")
No. 10 (0.193")	No. 30 (0.128")	No. 50 (0.070")
No. 11 (0.191")	No. 31 (0.120")	No. 51 (0.067")
No. 12 (0.189")	No. 32 (0.116")	No. 52 (0.063")
No. 13 (0.185")	No. 33 (0.113")	No. 53 (0.059")
No. 14 (0.182")	No. 34 (0.111")	No. 54 (0.055")
No. 15 (0.180")	*No. 35 (0.110")	No. 55 (0.052")
*No. 16 (0.177")	No. 36 (0.106")	No. 56 (0.046")
No. 17 (0.173")	No. 37 (0.104")	No. 57 (0.043")
No. 18 (0.169")	No. 38 (0.101")	No. 58 (0.042")
No. 19 (0.166")	No. 39 (0.099")	No. 59 (0.041")
*No. 20 (0.161")	No. 40 (0.098")	No. 60 (0.040")

*Starred items are Tap Drills.

Set No.

HSD-1160 60 Drills in Huot Container

HSD-1160



New Britain

29-PIECE HIGH SPEED DRILL SET

A fine combination: High Speed Drills in Huot Index Container—every size from $\frac{1}{16}$ " to $\frac{1}{2}$ " by 64ths. The complete Set for professional mechanics.

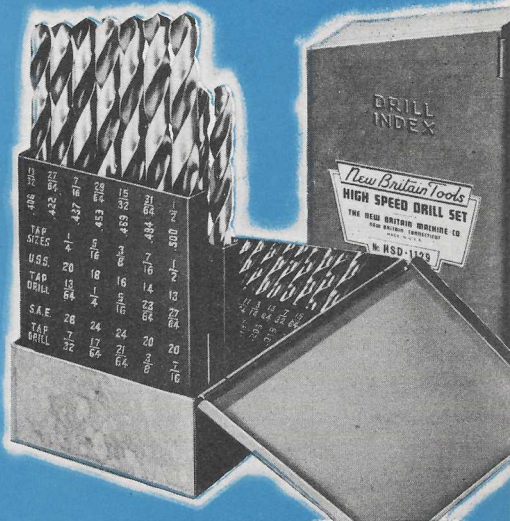
Sizes	Sizes	Sizes
$\frac{1}{16}$ "	$\frac{7}{32}$ "	$\frac{3}{8}$ "
$\frac{5}{64}$ "	$\frac{15}{64}$ "	$\frac{25}{64}$ "
$\frac{3}{32}$ "	$\frac{1}{4}$ "	$\frac{13}{32}$ "
$\frac{7}{64}$ "	$\frac{17}{64}$ "	$\frac{27}{64}$ "
$\frac{1}{8}$ "	$\frac{9}{32}$ "	$\frac{7}{16}$ "
$\frac{9}{64}$ "	$\frac{19}{64}$ "	$\frac{29}{64}$ "
$\frac{5}{32}$ "	$\frac{5}{16}$ "	$\frac{15}{32}$ "
$\frac{11}{64}$ "	$\frac{21}{64}$ "	$\frac{31}{64}$ "
$\frac{3}{16}$ "	$\frac{11}{32}$ "	$\frac{1}{2}$ "
$\frac{13}{64}$ "	$\frac{23}{64}$ "	

Set No.

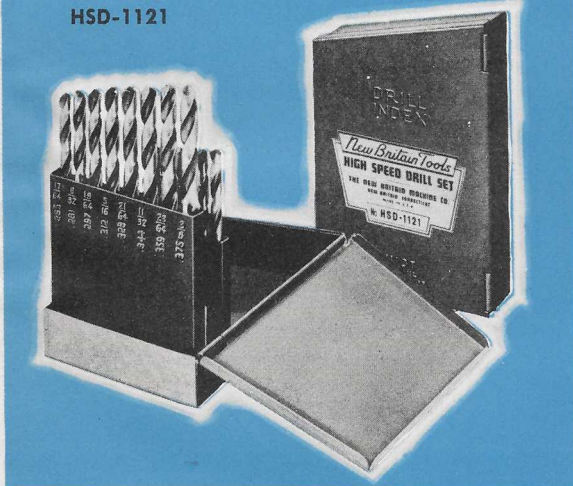
HSD-1129 29 Drills in Huot Container

High Speed Drill Sets

HSD-1129



HSD-1121



21-PIECE HIGH SPEED DRILL SET

This Set contains 21 Drills indexed by 64ths from $\frac{1}{16}$ " to $\frac{3}{8}$ ". In great demand by mechanics who want convenient range.

Sizes	Sizes	Sizes
$\frac{1}{16}$ "	$\frac{11}{64}$ "	$\frac{9}{32}$ "
$\frac{5}{64}$ "	$\frac{3}{16}$ "	$\frac{19}{64}$ "
$\frac{3}{32}$ "	$\frac{13}{64}$ "	$\frac{5}{16}$ "
$\frac{7}{64}$ "	$\frac{7}{16}$ "	$\frac{21}{64}$ "
$\frac{1}{8}$ "	$\frac{15}{32}$ "	$\frac{11}{32}$ "
$\frac{9}{64}$ "	$\frac{16}{64}$ "	$\frac{23}{64}$ "
$\frac{5}{32}$ "	$\frac{17}{64}$ "	$\frac{25}{64}$ "
		$\frac{3}{8}$ "

Set No.

HSD-1121 21 Drills in Huot Cont.

13-PIECE HIGH SPEED DRILL SET

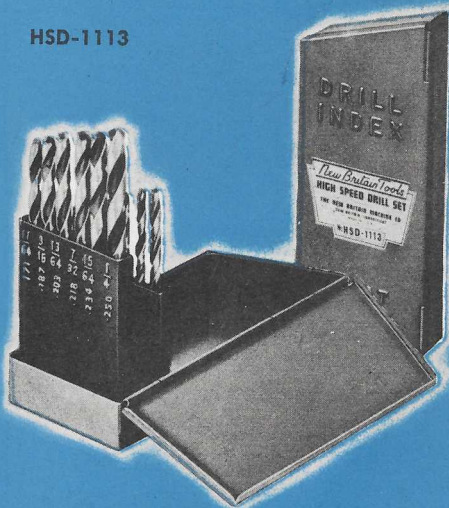
Contains 13 Drills in sizes $\frac{1}{16}$ " to $\frac{1}{4}$ " by 64ths. Ideal for the small garage or general repair shop. Packed in famous Huot Index Container.

Sizes	Sizes
$\frac{1}{16}$ "	$\frac{11}{64}$ "
$\frac{5}{64}$ "	$\frac{3}{16}$ "
$\frac{3}{32}$ "	$\frac{13}{64}$ "
$\frac{7}{64}$ "	$\frac{7}{32}$ "
$\frac{1}{8}$ "	$\frac{15}{64}$ "
$\frac{9}{64}$ "	$\frac{1}{4}$ "
$\frac{5}{32}$ "	

Set No.

HSD-1113 13 Drills in Huot Container

HSD-1113



New Britain

SPECIAL WIRE BRUSHES

The professional mechanic is not concerned with the price of Wire Brushes because he buys them as he would buy a tool to do a special job. New Britain Wire Brushes cost more because they produce more work and they are appreciated by experienced operators.

TIRE AND RIM BRUSH

A sturdily made Brush with 19 rows, 3 wide, firmly secured in the wooden block. Because the wires are $1\frac{3}{16}$ " long, they will give excellent service.

Number	Length
W-44	14"

HEAVY DUTY BRUSH AND SCRAPER

Has 17 rows, 4 wide, which insure fast work on large surfaces. Wires, $1\frac{3}{16}$ " long. Wide hardened steel scraper attached. Unequalled for removing rust, dirt, grease and paint.

Number	Length Block Overall
W-45	10"

CARBON CLEANING END BRUSH

The heavy, wear-resisting crimped wire thoroughly and quickly removes hard carbon deposits from cylinder heads, blocks, tops of pistons, valve ports, etc. in a fraction of the time required by hand cleaning. For use on electric drills, pneumatic tools and flexible shafts. Length of wire out of cup, 1". Packed individually.

Number	Diameter Face	Diameter Shank
W-20	$\frac{3}{4}$ "	$\frac{1}{4}$ "

HEAVY DUTY KNOT END CLEANING BRUSH

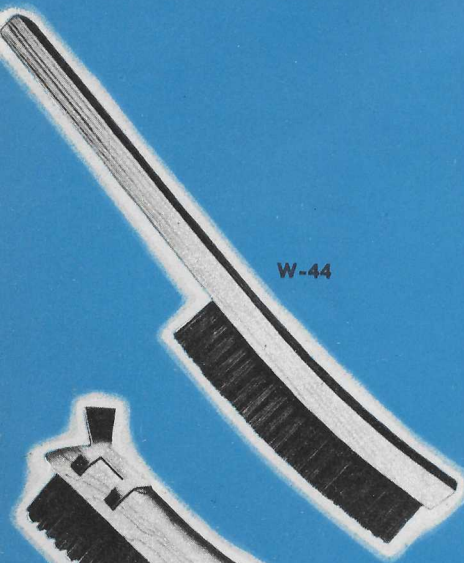
Specially drawn wire forms heavy-duty knot ends, matched for true balance. Extra cutting points speed up cleaning of carbon, scale, rust, burrs, and paint. Especially useful in corners, around studs, or in pockets. Packed individually.

Number	Diameter Face	Diameter Shank
W-22	$1\frac{1}{8}$ "	$\frac{1}{4}$ "

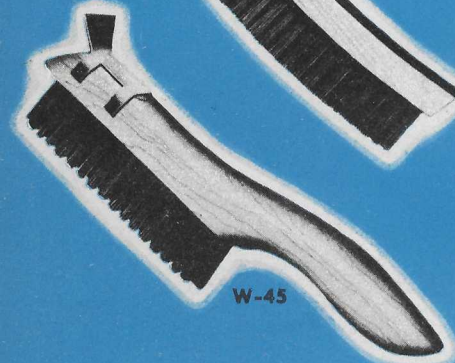
SUPER HEAVY DUTY CUP BRUSHES

Originated by the Automotive Industry for removing weld flash and smoothing welded joints. Unequalled for removing rust, scale and other surface imperfections. Has the longest life of any type of wire brush made. Great rigidity is developed from the exclusive method of tufting—each tuft supports the others and thus reduces vibration. The only brushes which can be operated at very high speeds with complete safety. The arbor hole is punched to fit directly on the spindle.

Number	Diam. Face	Length Wires out of Cup	Arbor Hole
W-430	4"	$1\frac{5}{8}$ "	$\frac{1}{2}$ "
W-630	6"	$1\frac{3}{4}$ "	$\frac{3}{8}$ "



W-44



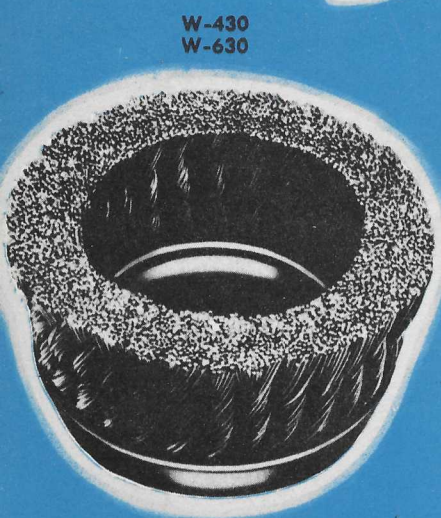
W-45



W-20



W-22



W-430
W-630

*New Britain***SPECIAL WIRE WHEELS**

The Automotive Trade requires better tools than any other field because most jobs must be done in a hurry and all of them must conform to the unequalled precision standards of the Automotive Field.

SUPER HEAVY DUTY WIRE WHEELS

This Wheel is new to most machine shop operators because it has heretofore been sold exclusively to the automotive manufacturers. Try it on some tough job which has licked every other make of wheel. You will be amazed at its ability to quickly remove welding flash from bodies; surface roughness from brake drums' shoes; and other heavy duty cleaning operations. Use it on stationary or portable equipment and wherever you have a severe cleaning or buffing problem.

Constructed with the same cable-like design as the cup brushes, the wires in each knot support one another as do the knots themselves. The two steel face plates complete this powerful Wheel. Packed individually.

Punched with correct arbor hole to fit directly on shaft.

Number	Diameter	Width of		Arbor Hole
		Face		
W-16	6"	1"		1/2"
W-26	6"	1"		5/8"
W-18	8"	1"		5/8"
W-28	8"	2"		5/8"

HEAVY DUTY WIRE WHEELS

Widely used with portable tools and bench grinders for removing carbon, paint, rust and scale. Also for roughing up tires and tubes prior to vulcanizing. The countless special cleaning operations in the Automotive Field demand brushes which are outstanding. These Brushes are made from thousands of strands of tough, wear-resisting wire, encased between two steel plates, insuring a densely filled, even brushing surface. The Brushes are evenly trimmed and exactly balanced to produce efficient operation.

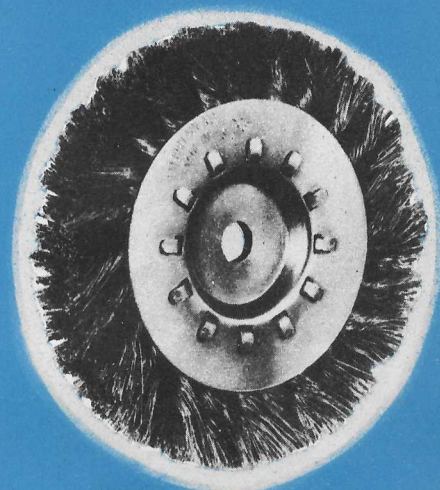
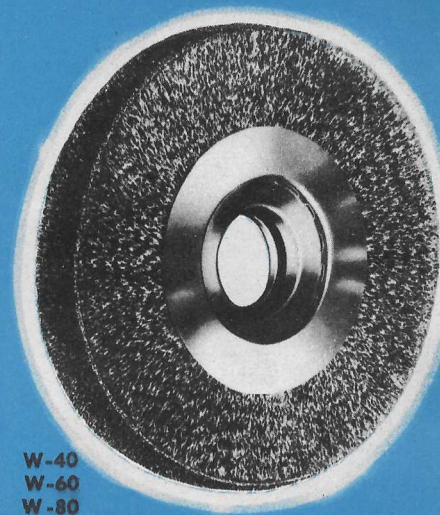
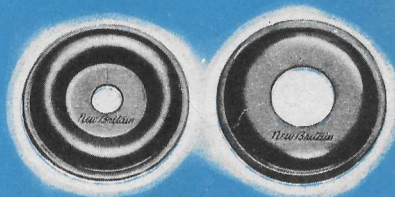
Arbor hole is adjusted to shaft by simply slipping into the standard opening of the Wheel the pair of sturdy Adapters which is furnished with each Brush.

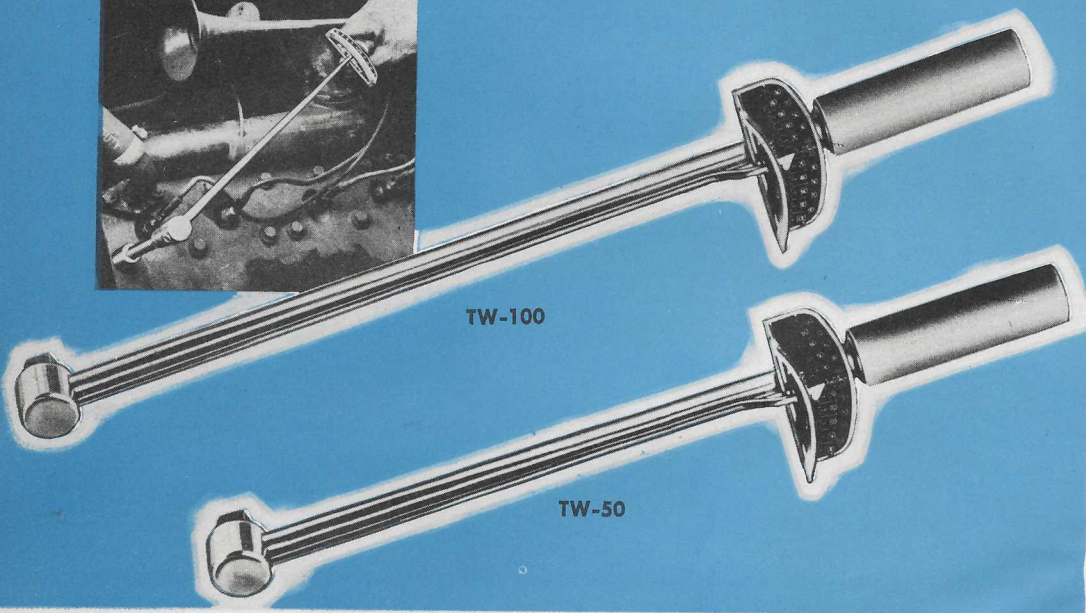
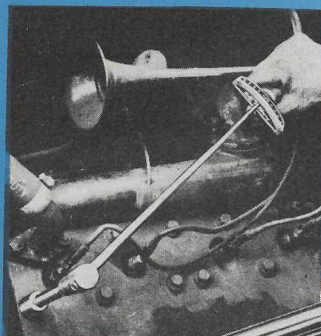
Number	Diameter	Width of		Arbor Hole
		Face		
W-40	4"	1 1/8"		1/2"
W-60	6"	1 1/8"		1/2"
W-80	8"	1 1/2"		1/2"
W-81	8"	1 1/2"		5/8"

WIRE WHEEL ADAPTERS

Each Wheel is complete with one pair of Adapters, and if you need to convert an old Wheel, the following Adapters are furnished.

Number	Size
W-2	3/8"
W-3	1/2"
W-4	3/4"
W-5	5/8"

Special Wire Wheels**W-16 to W-28****W-40
W-60
W-80
W-81****W-2 W-3
W-4 W-5**



New Britain

50, 100 AND 150 FOOT-POUND TORQUE WRENCHES SPRING SHAFT TYPE

More precision . . . that's the watchword today in automobile and airplane manufacture. Service Tools must be accurate to properly make repairs—New Britain Torque Wrenches are built to do precision jobs.

Manufacturers set definite torque limits for many critical attachments. Thin walls on cylinders, lighter blocks and high compression heads — these call for careful torque adjustments to control nut tightness. Torque is twist—not to be confused with tension, or pull. Slight variation in torque can drop efficiency way down—it may even damage vital parts. New Britain Wrenches keep you out of trouble.

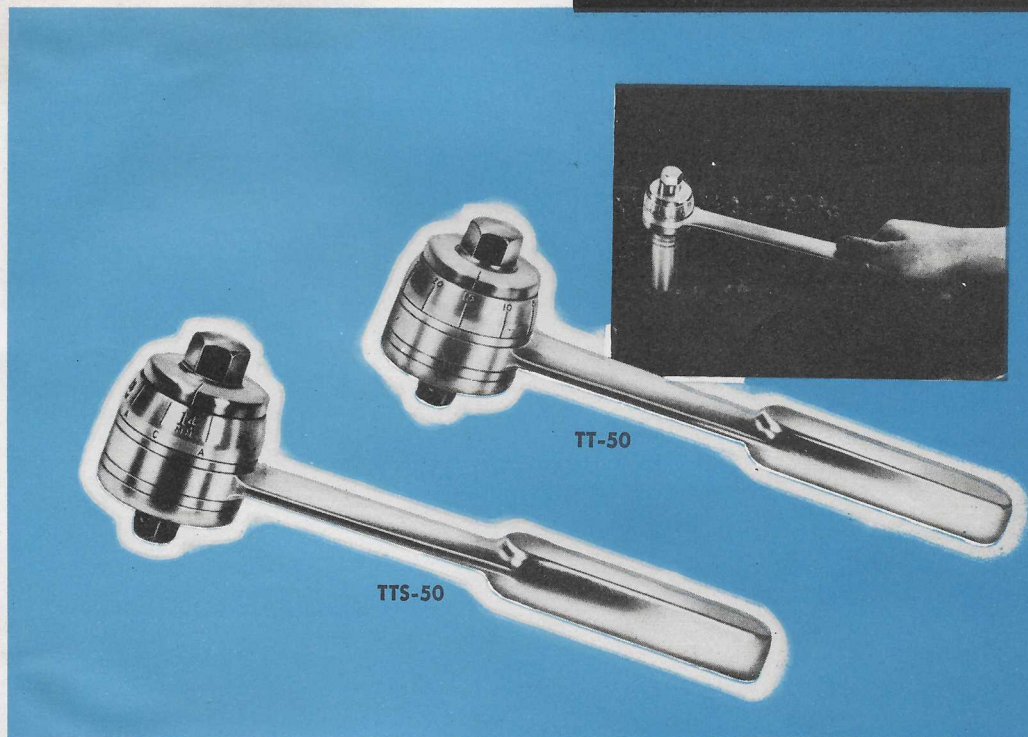
A New Britain Torque Chart with each Wrench lists correct reading for critical connections on standard automobiles. Many trucks and buses are included as well.

New Britain TW-150 is a Spring Shaft Wrench. Simple design gives you speed and accuracy: The pointer arm stays fixed—the handle deflects to show twist. A double scale, calibrated in foot-pounds, is fastened to the handle for easy reading. Any $\frac{1}{2}$ " Square Drive attachment fits the extremely small head—it's designed for work in cramped quarters. Wrench TW-150 reads up to 150 foot-pounds; TW-100, up to 100 foot-pounds; and TW-50, up to 50 foot-pounds.

Number
TW-50
TW-100
TW-150

Drive
 $\frac{1}{2}$ " Square
 $\frac{1}{2}$ " Square
 $\frac{1}{2}$ " Square

Length
15 $\frac{1}{4}$ "
19"
19 $\frac{3}{16}$ "



New Britain

50 FOOT-POUND TORQUE WRENCH FRICTION-CLUTCH TYPE

Sturdy, light—precision balanced . . . New Britain Torque Wrench TT-50 brings you the new, friction-disc clutch for greatly improved accuracy with far less trouble.

This easier-to-use Wrench prevents error. Precision here is purely automatic. There's no wear and tear on the operator — no dials to mis-read—nothing to strain the eyes . . . the clutch does all the watching. It restricts the load ex-

actly to the foot-pounds you pre-set on the engraved head.

Clutch release is gentle—not abrupt. The operator is safe from sudden breakaway—and the connection is safe from overtightening. Built to last a long time, Torque Wrench TT-50 has a forged aluminum handle for powerful light weight. Accurate, rated up to 50 foot-pounds, it's guaranteed.

Number	Drive	Length
TT-50	1/2" Square	9 1/2"

SPARK PLUG TORQUE WRENCH FRICTION-CLUTCH TYPE

Faulty installation ruins many spark plugs. The tendency to overtighten frequently strips threads . . . but it takes less twist to damage plugs! Too much torque weakens spark intensity by distorting the plug gap. Install every plug perfectly—tight enough to seal compression—yet not too tight to warp the plug. It's easy to be right every time with New Britain Torque Wrench TTS-50.

TT-50 is endorsed by spark plug makers. The friction-clutch limits torque precisely. The engraved head sets directly at 8 spark plug installations: 10MM, 14MM, 18MM and 7/8"-18 plugs in cast iron or aluminum heads. No need to juggle foot-pounds—just set this Wrench by plug size! Forged aluminum handle and 1/2" Square Drive end install any plug firmly, without damage.

Number	Drive	Length
TTS-50	1/2" Square	9 1/2"

New Britain

SPECIAL FORD TOOLS

FORD BATTERY WRENCH

Something new in a Battery Wrench. Both ends are broached and the openings, $\frac{1}{2}$ " x $\frac{3}{4}$ " take care of the battery bolts on practically all of the modern cars on the market in addition to Fords.

Number	Length
F-111	7 $\frac{1}{2}$ "

FORD MAIN BEARING WRENCH

The openings, $\frac{3}{4}$ " 12 Pt. x $\frac{9}{16}$ " 8 Pt. are those most often used on Ford Main Bearing Work. The Wrench has a convenient length which will give great leverage and yet not be clumsy. Finished in Satin Chrome Plate with polished ends.

Number	Length
F-106	16"

FORD CONNECTING ROD WRENCHES

Equipped with a handle that has been offset to give a free grip on Ford Connecting Rod Nuts. The Sockets are twelve point, broached and are made with the care of all New Britain Sockets. They will stand up under the heavy use for which they are intended.

Number	Size
NFV-18	$\frac{9}{16}$ "
NFV-21	2 $\frac{1}{8}$ "

V-8 CARBURETOR JET WRENCH

A precision Tool made from a durable alloy for making carburetor adjustments on all Ford V-8's.

Number	Length
F-109	3"

V-8 CONNECTING ROD SOCKET

$\frac{1}{2}$ " Drive

If you have been looking for a Ford Connecting Rod Socket which would really "take it," you will find this New Britain product has more durability than you ever imagined could be built into any Socket which has to go into as tight an opening as the $\frac{9}{16}$ " Ford Connecting Rod Socket. It is broached 6 Point.

Number
NFV-618

MODEL A MAIN BEARING SOCKET

$\frac{1}{2}$ " Drive

A thin straight wall Socket, $\frac{3}{4}$ " with 12 Pt. Broaching and $\frac{1}{2}$ " Drive. It fits a Ford Main Bearing. A regular $\frac{3}{4}$ " Socket will not get into the opening.

Number	Open. Size
NFA-1224	$\frac{3}{4}$ "

F-111

F-106

NFV-18
NFV-21

F-109

NFV-618

NFA-1224

*New Britain***SPECIAL FORD VALVE TOOLS****MICROMETER GAUGE**

Makes perfect valve gauge adjustments possible. By the old methods, it was very difficult to get a reasonably good adjustment on Ford valves, regardless of the length of time spent on the job. With the New Britain Micrometer Gauge, the job is done quickly and it is possible to make the adjustment perfect to a fraction of a thousandth. The Micrometer which is built into the Gauge is thoroughly accurate and is so designed that there is not any trouble in securing the correct reading. The Micrometer graduations are .001. Complete instructions for using the Micrometer Gauge are furnished with each set. A complete set for all Models A, B, Mercury, Lincoln Zephyrs and Ford V-8 (except 60 H. P.).

Number

R-131**FORD VALVE GUIDE PUNCHES**

The words, "never fail" mean a lot to an automotive mechanic. He must have Tools that can be depended upon and this new type Valve Guide Driver will always be ready to do the job. First, the Crank Shaft should be turned so that the valve is in highest open position. Then, insert the Tool so that the foot guide does not enter an intake or exhaust port. Pull Valve Guide Driver to an upright position and drive the guide down to remove lock. Then, nothing remains but to attach a New Britain Valve Guide Puller and pull the complete assembly from the motor.

Number

Length

F-194 For V-8

10"

F-195 For Model A

10"

VALVE GUIDE LOCK PULLER ATTACHMENT

Designed to be used with a New Britain Slide Hammer No. P-155, this Attachment will quickly and certainly remove the tightest locks. It works so well that gears and bearings may also be pulled with the Hook Attachment and many other jobs around the car will lend themselves for use with this unique device.

Number

P-156**V-8 60 AND 85 LIFTER BAR**

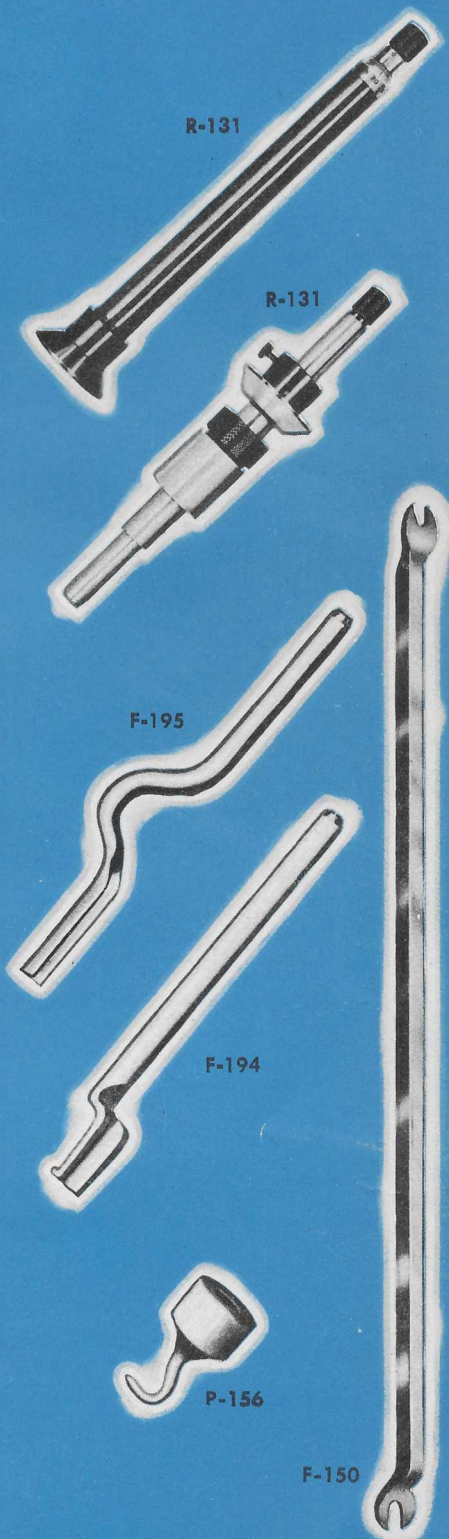
A real mechanic's Tool that will stand up under heaviest work. The long 30" reach also gives tremendous leverage and the head is offset at the exact angle to take care of upper and lower compressing jobs on both the V-8 85 and V-8 60. Made from toughest alloy steel to stand up under rigorous everyday work.

Number

Length

F-150

30"

Special Ford Tools

New Britain

SPECIAL FORD TOOLS

PISTON PIN INSERTERS AND REMOVERS

These Tools are designed with a long pilot to insure perfect alignment of the piston pin when driving them in place. They are properly tempered and accurately ground, insuring long, satisfactory service. To operate, take Pin Inserter and Remover apart, place ends in piston pin and screw together firmly against ends of pin. Then drive from front end of Remover. To replace pin, simply reverse the operation. Better results are obtained if the piston is heated in boiling water before driving the pin in place. No. R-835 is for Ford A and AA, B and BB; No. R-837 is for Ford V-8 Cars and Trucks, except 60 H. P. and Mercury Cars.

Number

R-835

R-837

P-109

SPECIAL FORD WHEEL PULLER ATTACHMENT

Designed to be used with the extra powerful New Britain Hub Puller No. P-105 described on Page No. 61. This device exactly fits on to a Ford Hub and permits pulling with the New Britain Hub Puller which will out-pull any other wheel Hub Remover in the world.

Number

P-109

FORD FEELER GAUGE

A special Ford Feeler Gauge that takes care of almost all Ford Service Work. Equipped with the desirable Go or No-Go feature. Contains 9 sizes $3\frac{1}{4}$ " long; .013 valve; .014 valve; .014 distributor; .016 distributor; .017 valve; .022 distributor; .022 valve; .025 plug; .035 plug — 9 units.

Number

FG-5

FG-5

R-10

GENERAL DRAIN PLUG WRENCH

Makes obsolete all other types of Drain Plug Wrenches for Ford, Mercury, and Lincoln Zephyr. Will fit all the drain plugs on all Ford products and, in addition, all Chrysler and General Motors products. Drop forged and built to give long and satisfactory service. Every lubrication department should have one of these Wrenches.

Number

R-10

Length

9"

R-50

UNIVERSAL DRAIN PLUG WRENCH

Will take care of most of the fittings served by the more expensive No. R-10. This Tool is a stamping and will render good service for a reasonable length of time.

Number

R-50

Length

10"

SPECIAL CHEVROLET TOOLS**CHEVROLET MANIFOLD WRENCHES**

Starter and manifold work on Chevrolet cars is simplified by these Wrenches.

Number	Openings	Length
M-109	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$7\frac{3}{4}$ "
CH-103	$\frac{5}{8}$ " x $\frac{3}{4}$ "	$7\frac{3}{4}$ "

CHEVROLET MAIN BEARING WRENCHES

For those who prefer a one-piece Wrench rather than a Socket and a Flex Handle. Drop forged from durable steel with 12 Pt. broached openings in each end.

Number	Openings	Length
CH-105	$\frac{3}{4}$ " x $1\frac{1}{6}$ "	$16\frac{1}{2}$ "
CH-106	$\frac{5}{8}$ " x $\frac{3}{4}$ "	$16\frac{1}{2}$ "

CHEVROLET UPHOLSTERY SCREW DRIVER

The only way to remove upholstery screws safely from Chevrolets and some other types is with this special Screw Driver to fit the figure "8" type screws.

Number	Size Blade	Width of Tip	Overall
M-136	$4\frac{1}{2}$ "	$1\frac{1}{4}$ "	$8\frac{3}{4}$ "

CHEVROLET PAN SCREW DRIVER

A valued Tool for handling round fillister and flat head screws. Easy and sure in operation. Fits all $\frac{3}{8}$ " Drive.

Number
NB-90

CHEVROLET TAPPET ADJUSTING TOOL

This unique Tool together with a Feeler Gauge enables you to adjust the valve clearance on rocker arm tappet adjusting jobs. Works while the motor is running and therefore insures the best adjustment in the shortest possible time. For all cars with overhead valves.

Number
M-200

CHEVROLET FEELER GAUGE

Contains seven blades $3\frac{3}{4}$ " long, 3" rule and float level gauge: — .006; .008; .013; .018; .024; .032; .040 — 9 units.

Number
FG-4

CHEVROLET AXLE NUT SOCKET

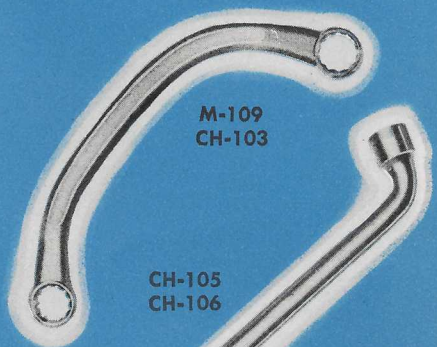
Made in the $\frac{3}{4}$ " Drive for turning off axle nuts. It's 12 Point and essential for 1932 Chevrolet Axle Nuts.

Number	Opening
NH-1238	$1\frac{1}{16}$ "

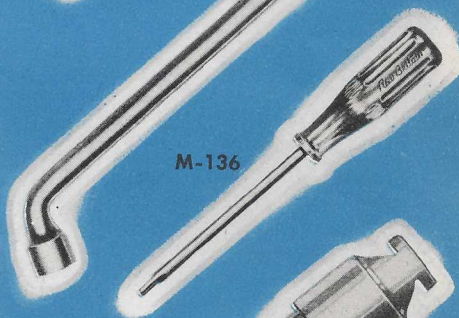
CHEVROLET MAIN BEARING SOCKET

Can be quickly attached to any $\frac{1}{2}$ " Square Drive Flex Handle Ratchet or Bar. The Socket is of a special design to exactly fit an $1\frac{1}{16}$ " nut. Broaching is 12 Point.

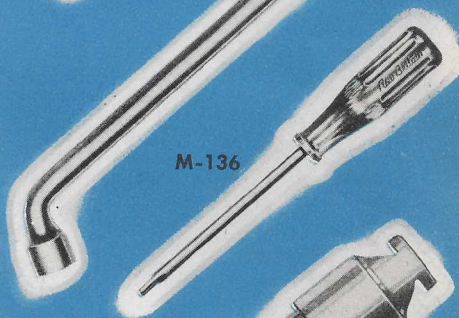
Number	Opening
NCH-1222	$1\frac{1}{16}$ "



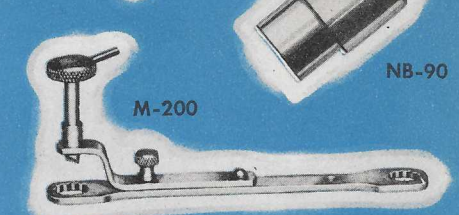
M-109
CH-103



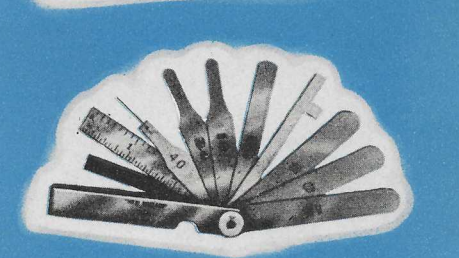
CH-105
CH-106



M-136



NB-90



M-200

FG-4



NCH-1222

NH-1238

New Britain SPECIAL TOOLS

TIRE REMOVER TOOL

It's easy to remove tires from drop center rims—particularly Chrysler safety rims. This New Britain Tire Remover Tool consists of two special Irons that do all the work. You won't even need a hammer.

Just insert the straight Iron inside rim heel, against tire bead. Then, hook the curved Iron over rim heel bead, against straight Iron. By drawing up handle of curved Iron, you develop tremendous leverage. Hooked end presses against inside of rim bead and pushes straight Iron, forcing tire bead to drop into rim well.

It's simple, quick — and safe! Toothed racks on each Iron give great power with no danger of slips. After tire drops into rim well, use reverse ends of Irons to pry tire from wheel in the usual way.

On heavy-duty truck, bus, tractor and airplane tires, use this Tool to release locking side rims. Then, by leverage of the hooked Iron against fixed rim, the tire is easily forced free.

This powerful Tool won't mar the finish of rim or wheel — all pressure is on the inside of the rim, out of sight.

Number

Length

NR-177

18"

ELECTRIC MARKING TOOL

As easy as writing with a pencil, you quickly engrave metal, glass, wood or plastic with this Electric Marker. It neatly cuts permanent initials, names and designs into any surface. The point vibrates 7000 strokes a minute — you vary the intensity by turning a knurled collar.

This versatile Tool is streamlined, lightened and carefully balanced — you hold and handle it more comfortably. Mechanics need such ready means of positively identifying their Tools against loss or "borrowing."

Each Marker comes complete with five-foot cord and plug. Two models are available: Either hard alloy or diamond point. Both for AC only.

Number

TM-115-60

Marker with hard alloy point

TMD-115-60

Marker with diamond point

TMH-1

Hard alloy point (only)

TMD-2

Diamond point (only)

GASKET KLIP

This ingenious Klip holds a gasket right in place while you assemble the work. No strings, no wires—no other Tools are needed. Just install Klips from above, remove from below — finger pressure does it. The gasket stays gripped — gently, but firmly. It won't shift, slip or tear. Practically indestructible, springy steel Gasket Klips can be used again and again — to save many minutes every time.

Number

GC-100

GC-136

NR-177

TM-115-60
TMD-115-60



GC-100
on
GC-136

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New Britain

TABLE OF STANDARD SIZES OF BOLT HEADS, NUTS AND SCREWS

INCHES OF WIDTH ACROSS FLATS—WRENCH OR SOCKET SIZE												Thread
Thread DIAMETER Inches	Hexagonal						Square					DIAM. Inches
	BOLT HEADS AND NUTS				CAP SCREWS		BOLT HEADS AND NUTS			CAP SCREWS	SET SCREWS	
	U.S. Std.	S.A.E. Std.	Am. Std.	Mfr. Std.	U.S. Std.	Am. Std.	U.S. Std.	Am. Std.	Mfr. Std.	U.S. Std.	U.S. or Am. Std.	
No. 0 (.060)			$\frac{5}{32}$					$\frac{5}{32}$				No. 0
No. 1 (.073)			$\frac{5}{32}$					$\frac{5}{32}$				No. 1
No. 2 (.086)			$\frac{3}{16}$					$\frac{3}{16}$				No. 2
No. 3 (.099)			$\frac{3}{16}$					$\frac{3}{16}$				No. 3
No. 4 (.112)			$\frac{1}{4}$					$\frac{1}{4}$				No. 4
No. 5 (.125)			$\frac{5}{16}$					$\frac{5}{16}$				No. 5
$\frac{1}{8}$	$\frac{5}{16}$				$\frac{5}{16}$							$\frac{1}{8}$
No. 6 (.138)			$\frac{5}{16}$					$\frac{5}{16}$				No. 6
No. 8 (.164)			$\frac{11}{32}$					$\frac{11}{32}$				No. 8
$\frac{3}{16}$	$\frac{3}{8}$				$\frac{3}{8}$							$\frac{3}{16}$
No. 10 (.190)			$\frac{3}{8}$					$\frac{3}{8}$				No. 10
No. 12 (.216)			$\frac{7}{16}$					$\frac{7}{16}$				No. 12
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{3}{8}$			$\frac{1}{4}$
$\frac{5}{16}$	$\frac{19}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{17}{32}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{19}{32}$	$\frac{9}{16}$	$\frac{15}{32}$	$\frac{7}{16}$		$\frac{5}{16}$
$\frac{3}{8}$	$\frac{11}{16}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{11}{16}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$
$\frac{7}{16}$	$\frac{25}{32}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{23}{32}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{25}{32}$	$\frac{3}{4}$	$\frac{21}{32}$	$\frac{5}{16}$	$\frac{7}{16}$	$\frac{7}{16}$
$\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{13}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
$\frac{9}{16}$	$\frac{31}{32}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{29}{32}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{31}{32}$	$\frac{7}{8}$	$\frac{27}{32}$	$\frac{11}{16}$	$\frac{9}{16}$	$\frac{9}{16}$
$\frac{5}{8}$	$\frac{11}{16}$	$\frac{15}{16}$	$\frac{15}{16}$	1	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{11}{16}$	$\frac{15}{16}$	$\frac{15}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{5}{8}$
$\frac{11}{16}$		1										$\frac{11}{16}$
$\frac{3}{4}$	$\frac{11}{4}$	$\frac{11}{16}$	$\frac{11}{8}$	$\frac{13}{16}$	1	1	$\frac{11}{4}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
$\frac{7}{8}$	$\frac{17}{16}$	$\frac{11}{4}$	$\frac{15}{16}$	$\frac{13}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{17}{16}$	$\frac{15}{16}$	$\frac{15}{16}$		$\frac{7}{8}$	$\frac{7}{8}$
1	$\frac{15}{8}$	$\frac{17}{16}$	$\frac{11}{2}$	$\frac{19}{16}$	$\frac{11}{4}$	$\frac{15}{16}$	1	$\frac{15}{8}$	$\frac{11}{2}$	$\frac{11}{16}$	1	1
$\frac{11}{8}$	$\frac{113}{16}$	$\frac{15}{8}$	$\frac{111}{16}$	$\frac{13}{4}$	$\frac{13}{8}$	$\frac{11}{2}$	$\frac{113}{16}$	$\frac{111}{16}$	$\frac{111}{16}$	$\frac{13}{8}$		$\frac{11}{8}$
$\frac{13}{8}$	2	$\frac{113}{16}$	$\frac{17}{8}$	$\frac{115}{16}$	$\frac{11}{2}$	$\frac{111}{16}$	2	$\frac{17}{8}$	$\frac{17}{8}$		$\frac{11}{4}$	$\frac{11}{4}$
$\frac{15}{8}$	$\frac{23}{16}$	2		$\frac{21}{8}$	$\frac{15}{8}$		$\frac{23}{16}$		$\frac{21}{8}$			$\frac{13}{8}$
$\frac{17}{8}$	$\frac{25}{16}$	$\frac{23}{16}$	$\frac{21}{4}$	$\frac{25}{16}$			$\frac{25}{16}$	$\frac{21}{4}$	$\frac{21}{4}$		$\frac{11}{2}$	$\frac{11}{2}$
2	$\frac{31}{8}$			$\frac{21}{2}$			$\frac{31}{8}$		$\frac{27}{4}$			$\frac{15}{8}$
$\frac{21}{4}$	$\frac{31}{2}$		$\frac{25}{8}$	$\frac{211}{16}$			$\frac{31}{2}$	$\frac{25}{8}$	$\frac{27}{8}$			$\frac{17}{8}$
$\frac{23}{4}$	$\frac{37}{8}$		3				$\frac{37}{8}$	3				2
$\frac{25}{4}$	$\frac{41}{4}$		$\frac{33}{8}$				$\frac{41}{4}$	$\frac{33}{4}$				$\frac{21}{2}$
3			$\frac{41}{8}$					$\frac{41}{8}$				$\frac{23}{4}$
			$\frac{41}{2}$					$\frac{41}{2}$				3

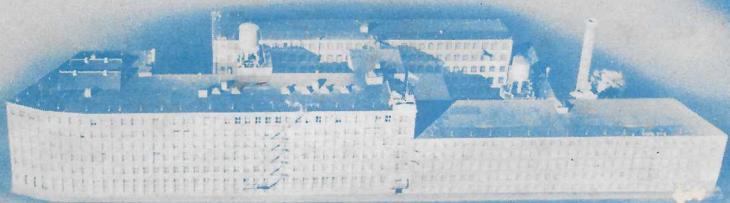


HEX

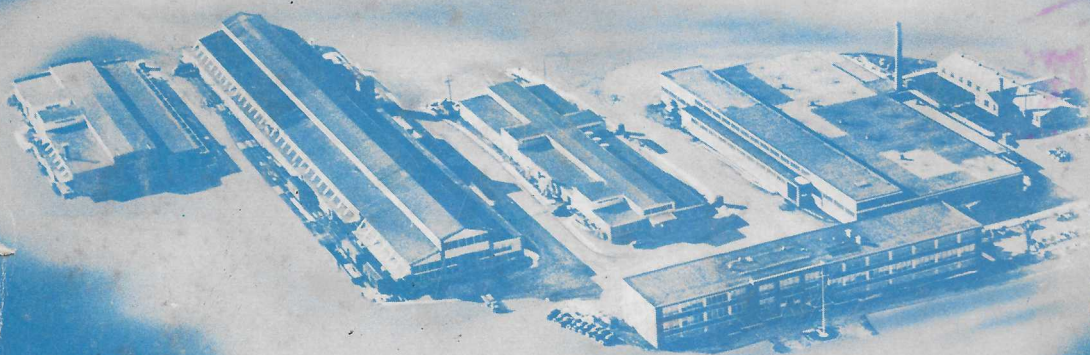
↑
WIDTH
ACROSS
FLATS
↓



SQUARE



CHESTNUT STREET PLANT



CEDAR HILL PLANT